

Passive DAS



PASSIVE LOW-PIM COMPONENTS FOR DISTRIBUTED ANTENNA SYSTEMS

In-Building Coverage Solutions by Telegärtner



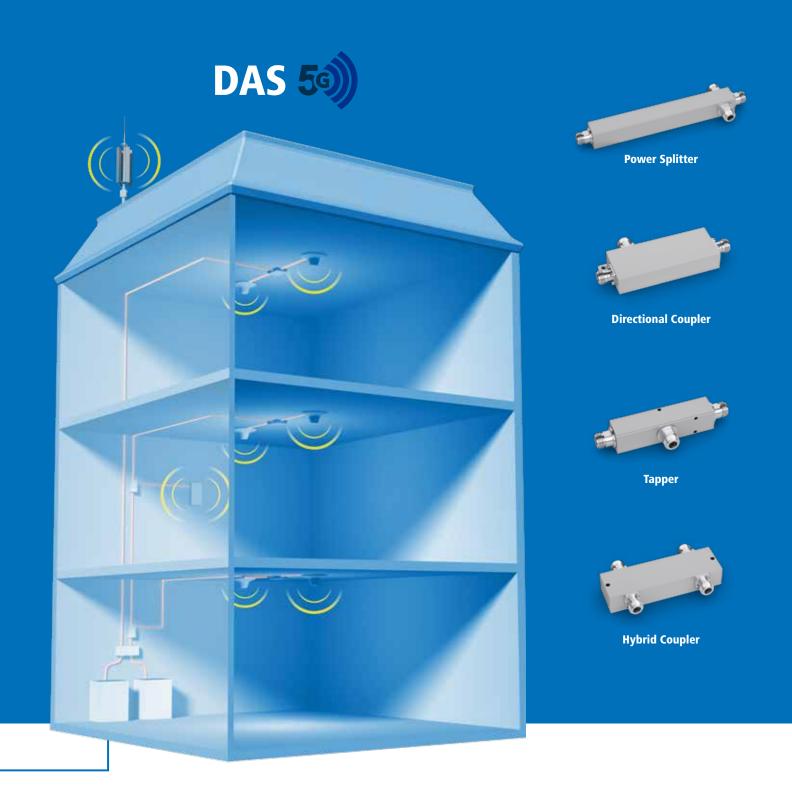
DISTRIBUTED ANTENNA SYSTEMS

For reliable coverage.

Today we want to be connected everywhere. Therefore, mobile radio connections must not end at the entrance to larger buildings. Especially in large premises, there is a need for comprehensive network coverage for good signals — always and everywhere.

Coverage is one critical requirement for deploying mobile communication networks. This is true for all cell architectures such as macro, micro, small and pico cells. For reaching all users in a cellular network, in-building coverage also needs to be ensured. Especially on the lower floors in large buildings, network availability is limited,

if the building is not equipped with a Distributed Antenna System. This solution is implemented to achieve optimal coverage and provide maximum capacity in larger premises such as shopping malls, stadiums, concert halls, airports, hotels, (underground) train stations or large office buildings.



Telegärtner offers passive DAS components such as Power Splitters, Couplers, Tappers or Termination Loads to support its customers with suitable solutions. A broad range of coaxial RF components is available to cover the need for such products and to meet the heterogeneous requirements of each site. Due to the tendency of higher requirements regarding PIM levels, Telegärtner only offers

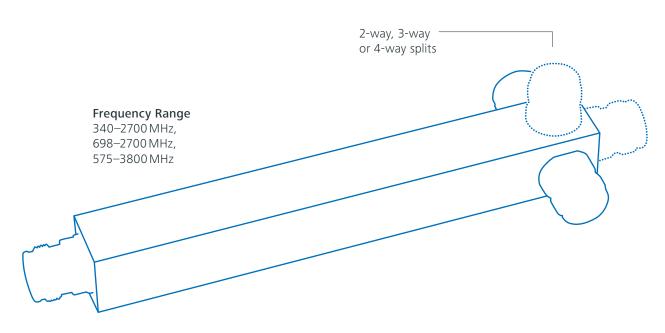
low-PIM components (≤ -161 dBc) in the standard portfolio. Furthermore, future-proof components for frequencies up to 3.8 GHz are available for 5G applications. Due to the need for short delivery times, Telegärtner aims to be ready for shipment within 24 hours for parts in stock. Customized solutions are available on demand.

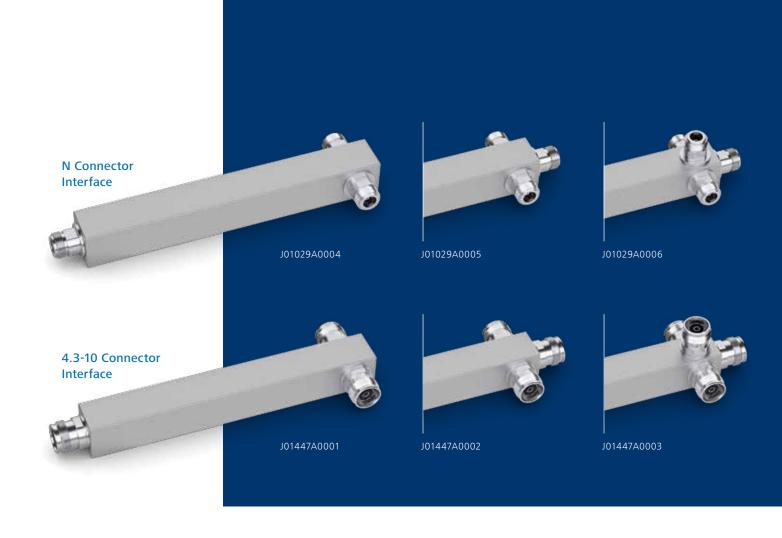
POVVER SPLITTERS

Power Splitters with N or 4.3-10 connector interfaces.

Power Splitters are used to split a signal equally from one input port through two, three or four output ports. All listed splitters are suitable for low-PIM applications due to the low PIM level of \leq -161 dBc and are also characterized by high power capacity and low VSWR.







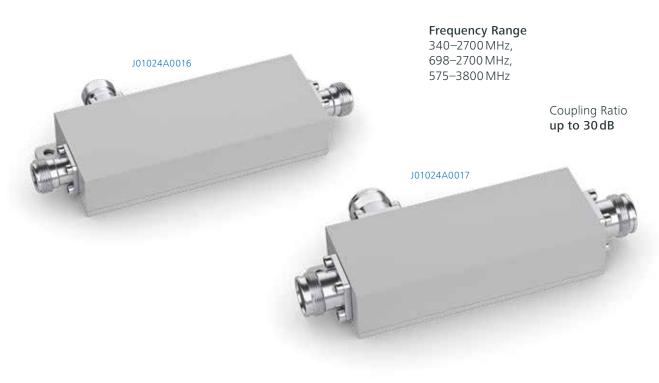
Part Number	Connector Interface	Frequency Range	Splits	Split Loss	PIM (@2×43 dBm)	Av. Power Rating	Environmental
J01029A0019	N female	340-2700 MHz	2-way	3 dB	≤ -161 dBc	200 W	IP65
J01029A0020	N female	340-2700 MHz	3-way	4.8 dB	≤ -161 dBc	200 W	IP65
J01029A0021	N female	340-2700 MHz	4-way	6 dB	≤ -161 dBc	200 W	IP65
J01029A0004	N female	698-2700 MHz	2-way	3 dB	≤ -161 dBc	200 W	IP65
J01029A0005	N female	698-2700 MHz	3-way	4.8 dB	≤ -161 dBc	200 W	IP65
J01029A0006	N female	698-2700 MHz	4-way	6 dB	≤ -161 dBc	200 W	IP65
J01029A0007	N female	575-3800 MHz	2-way	3 dB	≤ -161 dBc	200 W	IP65
J01029A0008	N female	575-3800 MHz	3-way	4.8 dB	≤ -161 dBc	200 W	IP65
J01029A0009	N female	575-3800 MHz	4-way	6 dB	≤ -161 dBc	200 W	IP65
J01447A0030	4.3-10 female	340-2700 MHz	2-way	3 dB	≤ -161 dBc	300 W	IP65
J01447A0031	4.3-10 female	340-2700 MHz	3-way	4.8 dB	≤ -161 dBc	300 W	IP65
J01447A0032	4.3-10 female	340-2700 MHz	4-way	6 dB	≤ -161 dBc	300 W	IP65
J01447A0001	4.3-10 female	698-2700 MHz	2-way	3 dB	≤ -161 dBc	300 W	IP65
J01447A0002	4.3-10 female	698-2700 MHz	3-way	4.8 dB	≤ -161 dBc	300 W	IP65
J01447A0003	4.3-10 female	698-2700 MHz	4-way	6 dB	≤ -161 dBc	300 W	IP65
J01447A0004	4.3-10 female	575-3800 MHz	2-way	3 dB	≤ -161 dBc	300 W	IP65
J01447A0005	4.3-10 female	575-3800 MHz	3-way	4.8 dB	≤ -161 dBc	300 W	IP65
J01447A0006	4.3-10 female	575-3800 MHz	4-way	6 dB	≤ -161 dBc	300 W	IP65
H06000A0084	L-Type Bracket f	or Splitters included					

DIRECTIONAL COUPLERS

Directional Couplers with N or 4.3-10 connector interfaces.

Directional Couplers can be used to split a signal into either two equal or into two unequal shares. This is provided with high isolation between the coupled and the output port. Directional couplers provide superior characteristics in terms of directivity and return loss. All listed directional couplers are suitable for low-PIM applications due to the low PIM level of ≤ -161 dBc.





101024A0031 N female 340-2700 MHz 3 d8 \$ -161 d8c 200 W P65	Part Number	Connector Interface	Frequency Range	Coupling Ratio	PIM (@2×43 dBm)	Av. Power Rating	Environmental
101024A0033	J01024A0031	N female	340-2700 MHz	3 dB	≤ -161 dBc	200 W	IP65
101024A0034	J01024A0032	N female	340-2700 MHz	6 dB	≤ -161 dBc	200 W	IP65
	J01024A0033	N female	340-2700 MHz	8 dB	≤ -161 dBc	200 W	IP65
101024A0036 N female	J01024A0034	N female	340-2700 MHz	10 dB	≤ -161 dBc	200 W	IP65
101024A0037 N female 340-2700 MHz 20d8 \$ -161d8c 200W IP65 101024A0038 N female 340-2700 MHz 30d8 \$ -161d8c 200W IP65 101024A0030 N female 698-2700 MHz 3d8 \$ -161d8c 200W IP65 101024A0016 N female 698-2700 MHz 6d8 \$ -161d8c 200W IP65 101024A0017 N female 698-2700 MHz 6d8 \$ -161d8c 200W IP65 101024A0018 N female 698-2700 MHz 10d8 \$ -161d8c 200W IP65 101024A0019 N female 698-2700 MHz 12d8 \$ -161d8c 200W IP65 101024A0019 N female 698-2700 MHz 12d8 \$ -161d8c 200W IP65 101024A0010 N female 698-2700 MHz 12d8 \$ -161d8c 200W IP65 101024A0021 N female 698-2700 MHz 3d8 \$ -161d8c 200W IP65 101024A0022 N female 698-2700 MHz 3d8 \$ -161d8c 200W IP65 101024A0039 N female 575-3800 MHz 3d8 \$ -161d8c 200W IP65 101024A0023 N female 575-3800 MHz 3d8 \$ -161d8c 200W IP65 101024A0024 N female 575-3800 MHz 3d8 \$ -161d8c 200W IP65 101024A0025 N female 575-3800 MHz 10d8 \$ -161d8c 200W IP65 101024A0026 N female 575-3800 MHz 10d8 \$ -161d8c 200W IP65 101024A0027 N female 575-3800 MHz 10d8 \$ -161d8c 200W IP65 101024A0028 N female 575-3800 MHz 10d8 \$ -161d8c 200W IP65 101024A0029 N female 575-3800 MHz 10d8 \$ -161d8c 200W IP65 101024A0029 N female 575-3800 MHz 10d8 \$ -161d8c 200W IP65 10104A0030 4.3-10 female 340-2700 MHz 3d8 \$ -161d8c 200W IP65 101447A0037 4.3-10 female 340-2700 MHz 3d8 \$ -161d8c 300W IP65 101447A0037 4.3-10 female 340-2700 MHz 3d8 \$ -161d8c 300W IP65 101447A0038 4.3-10 female 340-2700 MHz 3d8 \$ -161d8c 300W IP65 101447A0030 4.3-10 female 340-2700 MHz 3d8 \$ -161d8c 300W IP65 101447A0030 4.3-10 female 698-2700 MHz 3d8 \$ -161d8c 300W IP65 101447A0004 4.3-10 female 698-2700 MHz 3d8 \$ -161d8c 300W IP65	J01024A0035	N female	340-2700 MHz	12 dB	≤ -161 dBc	200 W	IP65
101024A0038 N Female 340-2700 MHz 30 B \$ -161 BBC 200 W IP65	J01024A0036	N female	340-2700 MHz	15 dB	≤ -161 dBc	200 W	IP65
J01024A0030	J01024A0037	N female	340-2700 MHz	20 dB	≤ -161 dBc	200 W	IP65
J01024A0016	J01024A0038	N female	340-2700 MHz	30 dB	≤ -161 dBc	200 W	IP65
J01024A0016							
101024A0017 N female 698-2700 MHz 8 dB s-161 dBc 200 W IP65 101024A0018 N female 698-2700 MHz 10 dB s-161 dBc 200 W IP65 101024A0019 N female 698-2700 MHz 12 dB s-161 dBc 200 W IP65 101024A0020 N female 698-2700 MHz 15 dB s-161 dBc 200 W IP65 101024A0021 N female 698-2700 MHz 20 dB s-161 dBc 200 W IP65 101024A0022 N female 698-2700 MHz 30 dB s-161 dBc 200 W IP65 101024A0022 N female 698-2700 MHz 30 dB s-161 dBc 200 W IP65 101024A0039 N female 575-3800 MHz 3 dB s-161 dBc 200 W IP65 101024A0023 N female 575-3800 MHz 6 dB s-161 dBc 200 W IP65 101024A0024 N female 575-3800 MHz 8 dB s-161 dBc 200 W IP65 101024A0025 N female 575-3800 MHz 10 dB s-161 dBc 200 W IP65 101024A0026 N female 575-3800 MHz 12 dB s-161 dBc 200 W IP65 101024A0027 N female 575-3800 MHz 12 dB s-161 dBc 200 W IP65 101024A0027 N female 575-3800 MHz 15 dB s-161 dBc 200 W IP65 101024A0028 N female 575-3800 MHz 20 dB s-161 dBc 200 W IP65 101024A0029 N female 575-3800 MHz 20 dB s-161 dBc 200 W IP65 101024A0029 N female 575-3800 MHz 20 dB s-161 dBc 200 W IP65 101447A0034 4.3-10 female 340-2700 MHz 3 dB s-161 dBc 200 W IP65 101447A0035 4.3-10 female 340-2700 MHz 3 dB s-161 dBc 300 W IP65 101447A0036 4.3-10 female 340-2700 MHz 20 dB s-161 dBc 300 W IP65 101447A0039 4.3-10 female 340-2700 MHz 20 dB s-161 dBc 300 W IP65 101447A0039 4.3-10 female 340-2700 MHz 20 dB s-161 dBc 300 W IP65 101447A0030 4.3-10 female 340-2700 MHz 20 dB s-161 dBc 300 W IP65 101447A0039 4.3-10 female 340-2700 MHz 20 dB s-161 dBc 300 W IP65 101447A0030 4.3-10 female 340-2700 MHz 20 dB s-161 dBc 300 W IP65 101447A0030 4.3-10 female 340-2700 MHz 20 dB s-161 dBc 300 W IP65 101	J01024A0030	N female	698-2700 MHz	3 dB	≤ -161 dBc	200 W	IP65
101024A0018	J01024A0016	N female	698-2700 MHz	6 dB	≤ -161 dBc	200 W	IP65
101024A0019	J01024A0017	N female	698-2700 MHz	8 dB	≤ -161 dBc	200 W	IP65
101024A0020	J01024A0018	N female	698-2700 MHz	10 dB	≤ -161 dBc	200 W	IP65
J01024A0021 N female	J01024A0019	N female	698-2700 MHz	12 dB	≤ -161 dBc	200 W	IP65
J01024A0032	J01024A0020	N female	698-2700 MHz	15 dB	≤ -161 dBc	200 W	IP65
J01024A0039 N female 575-3800 MHz 3 dB ≤ -161 dBc 200 W IP65 J01024A0023 N female 575-3800 MHz 6 dB ≤ -161 dBc 200 W IP65 J01024A0025 N female 575-3800 MHz 8 dB ≤ -161 dBc 200 W IP65 J01024A0025 N female 575-3800 MHz 10 dB ≤ -161 dBc 200 W IP65 J01024A0026 N female 575-3800 MHz 12 dB ≤ -161 dBc 200 W IP65 J01024A0027 N female 575-3800 MHz 12 dB ≤ -161 dBc 200 W IP65 J01024A0028 N female 575-3800 MHz 15 dB ≤ -161 dBc 200 W IP65 J01024A0029 N female 575-3800 MHz 20 dB ≤ -161 dBc 200 W IP65 J0104A0029 N female 575-3800 MHz 30 dB ≤ -161 dBc 200 W IP65 J01447A0030 A.3-10 female 340-2700 MHz 3 dB ≤ -161 dBc 200 W IP65 J01447A0035 A.3-10 female 340-2700 MHz 6 dB ≤ -161 dBc 300 W IP65 J01447A0036 A.3-10 female 340-2700 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0037 A.3-10 female 340-2700 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0038 A.3-10 female 340-2700 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0039 A.3-10 female 340-2700 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0039 A.3-10 female 340-2700 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0040 A.3-10 female 340-2700 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0040 A.3-10 female 340-2700 MHz 20 dB ≤ -161 dBc 300 W IP65 J01447A0004 A.3-10 female 698-2700 MHz 20 dB ≤ -161 dBc 300 W IP65 J01447A0007 A.3-10 female 698-2700 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0000 A.3-10 female 698-2700 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0010 A.3-10 female 698-2700 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0010 A.3-10 female 698-2700 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0010 A.3-10 female 698-2700 MHz 20 dB ≤ -161 dBc 300 W IP65 J01447A0010 A.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0010 A.3-10 f	J01024A0021	N female	698-2700 MHz	20 dB	≤ -161 dBc	200 W	IP65
101024A0023	J01024A0022	N female	698-2700 MHz	30 dB	≤ -161 dBc	200 W	IP65
101024A0023							
101024A0024	J01024A0039	N female	575-3800 MHz	3 dB	≤ -161 dBc	200 W	IP65
101024A0025 N female 575-3800 MHz 10 dB \$<-161dBc 200W 1P65 101024A0026 N female 575-3800 MHz 12 dB \$<-161dBc 200W 1P65 101024A0027 N female 575-3800 MHz 15 dB \$<-161dBc 200W 1P65 101024A0028 N female 575-3800 MHz 20 dB \$<-161dBc 200W 1P65 101024A0029 N female 575-3800 MHz 30 dB \$<-161dBc 200W 1P65 101024A0029 N female 575-3800 MHz 30 dB \$<-161dBc 200W 1P65 101024A0029 N female 340-2700 MHz 30 dB \$<-161dBc 300W 1P65 101447A0034 4.3-10 female 340-2700 MHz 6 dB \$<-161dBc 300W 1P65 101447A0035 4.3-10 female 340-2700 MHz 8 dB \$<-161dBc 300W 1P65 101447A0036 4.3-10 female 340-2700 MHz 10 dB \$<-161dBc 300W 1P65 101447A0038 4.3-10 female 340-2700 MHz 12 dB \$<-161dBc 300W 1P65 101447A0039 4.3-10 female 340-2700 MHz 15 dB \$<-161dBc 300W 1P65 101447A0040 4.3-10 female 340-2700 MHz 20 dB \$<-161dBc 300W 1P65 101447A0031 4.3-10 female 340-2700 MHz 20 dB \$<-161dBc 300W 1P65 101447A0033 4.3-10 female 340-2700 MHz 30 dB \$<-161dBc 300W 1P65 101447A0033 4.3-10 female 340-2700 MHz 30 dB \$<-161dBc 300W 1P65 101447A0003 4.3-10 female 698-2700 MHz 30 dB \$<-161dBc 300W 1P65 101447A0000 4.3-10 female 698-2700 MHz 30 dB \$<-161dBc 300W 1P65 101447A0000 4.3-10 female 698-2700 MHz 30 dB \$<-161dBc 300W 1P65 101447A0010 4.3-10 female 698-2700 MHz 30 dB \$<-161dBc 300W 1P65 101447A0011 4.3-10 female 698-2700 MHz 30 dB \$<-161dBc 300W 1P65 101447A0012 4.3-10 female 698-2700 MHz 30 dB \$<-161dBc 300W 1P65 101447A0013 4.3-10 female 575-3800 MHz 30 dB \$<-161dBc 300W 1P65 101447A0014 4.3-10 female 575-3800 MHz 30 dB \$<-161dBc 300W 1P65 101447A0016 4.3-10 female 575-3800 MHz 30 dB \$<-161dBc 300W 1P65 101447A0017 4.3-10 female 575-3800 MHz 30 dB \$<-	J01024A0023	N female	575-3800 MHz	6 dB	≤ -161 dBc	200 W	IP65
J01024A0026 N female 575-3800 MHz 12 dB ≤ -161 dBc 200 W IP65 J01024A0027 N female 575-3800 MHz 15 dB ≤ -161 dBc 200 W IP65 J01024A0028 N female 575-3800 MHz 20 dB ≤ -161 dBc 200 W IP65 J01024A0029 N female 575-3800 MHz 30 dB ≤ -161 dBc 200 W IP65 J01447A0034 4.3-10 female 340-2700 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0035 4.3-10 female 340-2700 MHz 6 dB ≤ -161 dBc 300 W IP65 J01447A0036 4.3-10 female 340-2700 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0037 4.3-10 female 340-2700 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0038 4.3-10 female 340-2700 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0039 4.3-10 female 340-2700 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0040 4.3-10 female 340-2700 MHz 20 dB ≤ -161 dBc 300 W IP65 J01447A0041 4.3-10 female 340-2700 MHz 30 dB ≤ -161 dBc 300 W IP65 J01447A0033 4.3-10 female 340-2700 MHz 30 dB ≤ -161 dBc 300 W IP65 J01447A0004 4.3-10 female 698-2700 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0007 4.3-10 female 698-2700 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0009 4.3-10 female 698-2700 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0001 4.3-10 female 698-2700 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0010 4.3-10 female 698-2700 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0011 4.3-10 female 698-2700 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0012 4.3-10 female 698-2700 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0013 4.3-10 female 698-2700 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0014 4.3-10 female 698-2700 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0015 4.3-10 female 575-3800 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0017 4.3-10 female 575-3800 MHz 3 dB ≤ -161 dBc 300 W IP65 J01	J01024A0024	N female	575-3800 MHz	8 dB	≤ -161 dBc	200 W	IP65
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J01447A0034 4.3-10 female 340-2700 MHz 3 dB ≤ -161dBc 300 W IP65 J01447A0035 4.3-10 female 340-2700 MHz 6 dB ≤ -161dBc 300 W IP65 J01447A0036 4.3-10 female 340-2700 MHz 8 dB ≤ -161dBc 300 W IP65 J01447A0037 4.3-10 female 340-2700 MHz 10 dB ≤ -161dBc 300 W IP65 J01447A0038 4.3-10 female 340-2700 MHz 15 dB ≤ -161dBc 300 W IP65 J01447A0039 4.3-10 female 340-2700 MHz 20 dB ≤ -161dBc 300 W IP65 J01447A0040 4.3-10 female 340-2700 MHz 30 dB ≤ -161dBc 300 W IP65 J01447A0031 4.3-10 female 698-2700 MHz 3 dB ≤ -161dBc 300 W IP65 J01447A00033 4.3-10 female 698-2700 MHz 3 dB ≤ -161dBc 300 W IP65 J01447A00034 4.3-10 female 698-2700 MHz 3 dB ≤ -161dBc 300 W IP65 <tr< td=""><td>J01024A0028</td><td>N female</td><td>575-3800 MHz</td><td>20 dB</td><td>≤ -161 dBc</td><td>200 W</td><td>IP65</td></tr<>	J01024A0028	N female	575-3800 MHz	20 dB	≤ -161 dBc	200 W	IP65
J01447A0035	J01024A0029	N female	575-3800 MHz	30 dB	≤ -161 dBc	200 W	IP65
J01447A0035							
J01447A0036 4.3-10 female 340-2700 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0037 4.3-10 female 340-2700 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0038 4.3-10 female 340-2700 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0039 4.3-10 female 340-2700 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0040 4.3-10 female 340-2700 MHz 20 dB ≤ -161 dBc 300 W IP65 J01447A0041 4.3-10 female 340-2700 MHz 30 dB ≤ -161 dBc 300 W IP65 J01447A0033 4.3-10 female 698-2700 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0007 4.3-10 female 698-2700 MHz 6 dB ≤ -161 dBc 300 W IP65 J01447A0008 4.3-10 female 698-2700 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0009 4.3-10 female 698-2700 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0010 4.3-10 female 698-2700 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0011 4.3-10 female 698-2700 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0012 4.3-10 female 698-2700 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0013 4.3-10 female 698-2700 MHz 20 dB ≤ -161 dBc 300 W IP65 J01447A0014 4.3-10 female 698-2700 MHz 30 dB ≤ -161 dBc 300 W IP65 J01447A0015 4.3-10 female 575-3800 MHz 30 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0017 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0018 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0018 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0019 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0019 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0019 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0019 4.3-10 female 575-3800 MHz 10 dB ≤ -1	J01447A0034	4.3-10 female	340-2700 MHz	3 dB	≤ -161 dBc	300 W	IP65
J01447A0037	J01447A0035	4.3-10 female	340-2700 MHz	6 dB	≤ -161 dBc	300 W	IP65
J01447A0038 4.3-10 female 340-2700 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0039 4.3-10 female 340-2700 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0040 4.3-10 female 340-2700 MHz 20 dB ≤ -161 dBc 300 W IP65 J01447A0041 4.3-10 female 340-2700 MHz 30 dB ≤ -161 dBc 300 W IP65 J01447A0033 4.3-10 female 698-2700 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0007 4.3-10 female 698-2700 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0008 4.3-10 female 698-2700 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0010 4.3-10 female 698-2700 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0011 4.3-10 female 698-2700 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0012 4.3-10 female 698-2700 MHz 20 dB ≤ -161 dBc 300 W IP65 <	J01447A0036	4.3-10 female	340-2700 MHz	8 dB	≤ -161 dBc	300 W	IP65
J01447A0039 4.3-10 female 340-2700 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0040 4.3-10 female 340-2700 MHz 20 dB ≤ -161 dBc 300 W IP65 J01447A0041 4.3-10 female 340-2700 MHz 30 dB ≤ -161 dBc 300 W IP65 J01447A0033 4.3-10 female 698-2700 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0007 4.3-10 female 698-2700 MHz 6 dB ≤ -161 dBc 300 W IP65 J01447A0008 4.3-10 female 698-2700 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0009 4.3-10 female 698-2700 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0010 4.3-10 female 698-2700 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0011 4.3-10 female 698-2700 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0012 4.3-10 female 698-2700 MHz 20 dB ≤ -161 dBc 300 W IP65 J01447A0013 4.3-10 female 698-2700 MHz 30 dB ≤ -161 dBc 300 W IP65 J01447A0014 4.3-10 female 575-3800 MHz 30 dB ≤ -161 dBc 300 W IP65 J01447A0015 4.3-10 female 575-3800 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0017 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0018 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0019 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0019 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0019 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0019 4.3-10 female 575-3800 MHz 10 dB ≤ -1	J01447A0037	4.3-10 female	340-2700 MHz	10 dB	≤ -161 dBc	300 W	IP65
J01447A0040	J01447A0038	4.3-10 female	340-2700 MHz	12 dB	≤ -161 dBc	300 W	IP65
J01447A0041 4.3-10 female 340-2700 MHz 30 dB ≤ -161 dBc 300 W IP65 J01447A0033 4.3-10 female 698-2700 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0007 4.3-10 female 698-2700 MHz 6 dB ≤ -161 dBc 300 W IP65 J01447A0008 4.3-10 female 698-2700 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0010 4.3-10 female 698-2700 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0011 4.3-10 female 698-2700 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0012 4.3-10 female 698-2700 MHz 20 dB ≤ -161 dBc 300 W IP65 J01447A0013 4.3-10 female 698-2700 MHz 30 dB ≤ -161 dBc 300 W IP65 J01447A0014 4.3-10 female 575-3800 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 8 dB ≤ -161 dBc 300 W IP65 <td>J01447A0039</td> <td>4.3-10 female</td> <td>340-2700 MHz</td> <td>15 dB</td> <td>≤ -161 dBc</td> <td>300 W</td> <td>IP65</td>	J01447A0039	4.3-10 female	340-2700 MHz	15 dB	≤ -161 dBc	300 W	IP65
J01447A0033 4.3-10 female 698-2700 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0007 4.3-10 female 698-2700 MHz 6 dB ≤ -161 dBc 300 W IP65 J01447A0008 4.3-10 female 698-2700 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0009 4.3-10 female 698-2700 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0010 4.3-10 female 698-2700 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0011 4.3-10 female 698-2700 MHz 20 dB ≤ -161 dBc 300 W IP65 J01447A0012 4.3-10 female 698-2700 MHz 30 dB ≤ -161 dBc 300 W IP65 J01447A0013 4.3-10 female 698-2700 MHz 30 dB ≤ -161 dBc 300 W IP65 J01447A0014 4.3-10 female 575-3800 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0015 4.3-10 female 575-3800 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 12 dB ≤ -1	J01447A0040	4.3-10 female	340-2700 MHz	20 dB	≤ -161 dBc	300 W	IP65
J01447A0007 4.3-10 female 698-2700 MHz 6 dB ≤ -161 dBc 300 W IP65 J01447A0008 4.3-10 female 698-2700 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0009 4.3-10 female 698-2700 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0010 4.3-10 female 698-2700 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0011 4.3-10 female 698-2700 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0012 4.3-10 female 698-2700 MHz 20 dB ≤ -161 dBc 300 W IP65 J01447A0013 4.3-10 female 698-2700 MHz 30 dB ≤ -161 dBc 300 W IP65 J01447A0014 4.3-10 female 575-3800 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0015 4.3-10 female 575-3800 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0018 4.3-10 female 575-3800 MHz 12 dB ≤ -	J01447A0041	4.3-10 female	340-2700 MHz	30 dB	≤ -161 dBc	300W	IP65
J01447A0007 4.3-10 female 698-2700 MHz 6 dB ≤ -161 dBc 300 W IP65 J01447A0008 4.3-10 female 698-2700 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0009 4.3-10 female 698-2700 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0010 4.3-10 female 698-2700 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0011 4.3-10 female 698-2700 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0012 4.3-10 female 698-2700 MHz 20 dB ≤ -161 dBc 300 W IP65 J01447A0013 4.3-10 female 698-2700 MHz 30 dB ≤ -161 dBc 300 W IP65 J01447A0014 4.3-10 female 575-3800 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0015 4.3-10 female 575-3800 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0018 4.3-10 female 575-3800 MHz 12 dB ≤ -							
J01447A0008 4.3-10 female 698-2700 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0009 4.3-10 female 698-2700 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0010 4.3-10 female 698-2700 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0011 4.3-10 female 698-2700 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0012 4.3-10 female 698-2700 MHz 20 dB ≤ -161 dBc 300 W IP65 J01447A0013 4.3-10 female 698-2700 MHz 30 dB ≤ -161 dBc 300 W IP65 J01447A0014 4.3-10 female 575-3800 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0015 4.3-10 female 575-3800 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0017 4.3-10 female 575-3800 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0018 4.3-10 female 575-3800 MHz 15 dB ≤	J01447A0033	4.3-10 female	698-2700 MHz	3 dB	≤ -161 dBc	300 W	IP65
J01447A0009 4.3-10 female 698-2700 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0010 4.3-10 female 698-2700 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0011 4.3-10 female 698-2700 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0012 4.3-10 female 698-2700 MHz 20 dB ≤ -161 dBc 300 W IP65 J01447A0013 4.3-10 female 698-2700 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0014 4.3-10 female 575-3800 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0015 4.3-10 female 575-3800 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0017 4.3-10 female 575-3800 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0018 4.3-10 female 575-3800 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0019 4.3-10 female 575-3800 MHz 20 dB ≤	J01447A0007	4.3-10 female	698-2700 MHz	6 dB	≤ -161 dBc	300 W	IP65
J01447A0010 4.3-10 female 698-2700 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0011 4.3-10 female 698-2700 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0012 4.3-10 female 698-2700 MHz 20 dB ≤ -161 dBc 300 W IP65 J01447A0013 4.3-10 female 698-2700 MHz 30 dB ≤ -161 dBc 300 W IP65 J01447A0054 4.3-10 female 575-3800 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0014 4.3-10 female 575-3800 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0015 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0018 4.3-10 female 575-3800 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0019 4.3-10 female 575-3800 MHz 15 dB ≤ -161 dBc 300 W IP65	J01447A0008	4.3-10 female	698-2700 MHz	8 dB	≤ -161 dBc	300 W	IP65
J01447A0011 4.3-10 female 698-2700 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0012 4.3-10 female 698-2700 MHz 20 dB ≤ -161 dBc 300 W IP65 J01447A0013 4.3-10 female 698-2700 MHz 30 dB ≤ -161 dBc 300 W IP65 J01447A0054 4.3-10 female 575-3800 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0014 4.3-10 female 575-3800 MHz 6 dB ≤ -161 dBc 300 W IP65 J01447A0015 4.3-10 female 575-3800 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0017 4.3-10 female 575-3800 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0018 4.3-10 female 575-3800 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0019 4.3-10 female 575-3800 MHz 20 dB ≤ -161 dBc 300 W IP65	J01447A0009	4.3-10 female	698-2700 MHz	10 dB	≤ -161 dBc	300 W	IP65
J01447A0012 4.3-10 female 698-2700 MHz 20 dB ≤ -161 dBc 300 W IP65 J01447A0013 4.3-10 female 698-2700 MHz 30 dB ≤ -161 dBc 300 W IP65 J01447A0054 4.3-10 female 575-3800 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0014 4.3-10 female 575-3800 MHz 6 dB ≤ -161 dBc 300 W IP65 J01447A0015 4.3-10 female 575-3800 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0017 4.3-10 female 575-3800 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0018 4.3-10 female 575-3800 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0019 4.3-10 female 575-3800 MHz 20 dB ≤ -161 dBc 300 W IP65	J01447A0010	4.3-10 female	698-2700 MHz	12 dB	≤ -161 dBc	300 W	IP65
J01447A0013 4.3-10 female 698-2700 MHz 30 dB ≤ -161 dBc 300 W IP65 J01447A0054 4.3-10 female 575-3800 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0014 4.3-10 female 575-3800 MHz 6 dB ≤ -161 dBc 300 W IP65 J01447A0015 4.3-10 female 575-3800 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0017 4.3-10 female 575-3800 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0018 4.3-10 female 575-3800 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0019 4.3-10 female 575-3800 MHz 20 dB ≤ -161 dBc 300 W IP65	J01447A0011	4.3-10 female	698-2700 MHz	15 dB	≤ -161 dBc	300 W	IP65
J01447A0054 4.3-10 female 575-3800 MHz 3 dB ≤ -161 dBc 300 W IP65 J01447A0014 4.3-10 female 575-3800 MHz 6 dB ≤ -161 dBc 300 W IP65 J01447A0015 4.3-10 female 575-3800 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0017 4.3-10 female 575-3800 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0018 4.3-10 female 575-3800 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0019 4.3-10 female 575-3800 MHz 20 dB ≤ -161 dBc 300 W IP65	J01447A0012	4.3-10 female	698-2700 MHz	20 dB	≤ -161 dBc	300 W	IP65
J01447A0014 4.3-10 female 575-3800 MHz 6 dB ≤ -161 dBc 300 W IP65 J01447A0015 4.3-10 female 575-3800 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0017 4.3-10 female 575-3800 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0018 4.3-10 female 575-3800 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0019 4.3-10 female 575-3800 MHz 20 dB ≤ -161 dBc 300 W IP65	J01447A0013	4.3-10 female	698-2700 MHz	30 dB	≤ -161 dBc	300 W	IP65
J01447A0014 4.3-10 female 575-3800 MHz 6 dB ≤ -161 dBc 300 W IP65 J01447A0015 4.3-10 female 575-3800 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0017 4.3-10 female 575-3800 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0018 4.3-10 female 575-3800 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0019 4.3-10 female 575-3800 MHz 20 dB ≤ -161 dBc 300 W IP65							
J01447A0015 4.3-10 female 575-3800 MHz 8 dB ≤ -161 dBc 300 W IP65 J01447A0016 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0017 4.3-10 female 575-3800 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0018 4.3-10 female 575-3800 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0019 4.3-10 female 575-3800 MHz 20 dB ≤ -161 dBc 300 W IP65	J01447A0054	4.3-10 female	575-3800 MHz	3 dB	≤ -161 dBc	300 W	IP65
J01447A0016 4.3-10 female 575-3800 MHz 10 dB ≤ -161 dBc 300 W IP65 J01447A0017 4.3-10 female 575-3800 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0018 4.3-10 female 575-3800 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0019 4.3-10 female 575-3800 MHz 20 dB ≤ -161 dBc 300 W IP65	J01447A0014	4.3-10 female	575-3800 MHz	6 dB	≤ -161 dBc	300 W	IP65
J01447A0017 4.3-10 female 575-3800 MHz 12 dB ≤ -161 dBc 300 W IP65 J01447A0018 4.3-10 female 575-3800 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0019 4.3-10 female 575-3800 MHz 20 dB ≤ -161 dBc 300 W IP65	J01447A0015	4.3-10 female	575-3800 MHz	8 dB	≤ -161 dBc	300 W	IP65
J01447A0018 4.3-10 female 575-3800 MHz 15 dB ≤ -161 dBc 300 W IP65 J01447A0019 4.3-10 female 575-3800 MHz 20 dB ≤ -161 dBc 300 W IP65	J01447A0016	4.3-10 female	575-3800 MHz	10 dB	≤ -161 dBc	300 W	IP65
J01447A0019 4.3-10 female 575−3800 MHz 20 dB ≤ -161 dBc 300 W IP65	J01447A0017	4.3-10 female	575-3800 MHz	12 dB	≤ -161 dBc	300 W	IP65
	J01447A0018	4.3-10 female	575-3800 MHz	15 dB	≤ -161 dBc	300 W	IP65
J01447A0020 4.3-10 female 575−3800 MHz 30 dB ≤ -161 dBc 300 W IP65	J01447A0019	4.3-10 female	575-3800 MHz	20 dB	≤ -161 dBc	300 W	IP65
	J01447A0020	4.3-10 female	575–3800 MHz	30 dB	≤ -161 dBc	300 W	IP65

TAPPERS

Tappers with N or 4.3-10 connector interfaces.

Tappers are used to divide a signal into unequal parts respectively to tap off a signal portion from a main transmission line. Tappers are differentiated from couplers by being able to split signals only in defined ratios and without directivity. Tappers are generally smaller and less expensive than couplers, but also come with a low PIM level of \leq -161 dBc and high power rating.





Part Number	Connector Interface	Frequency Range	Coupling Ratio	PIM (@2×43 dBm)	Av. Power Rating	Environmental
J01029A0026	N female	340-960 / 1710-2700 MHz	3 dB	≤ -161 dBc	200 W	IP65
J01029A0027	N female	340-960 / 1710-2700 MHz	6 dB	≤ -161 dBc	200 W	IP65
J01029A0028	N female	340-960 / 1710-2700 MHz	8 dB	≤ -161 dBc	200 W	IP65
J01029A0029	N female	340-960 / 1710-2700 MHz	10 dB	≤ -161 dBc	200 W	IP65
J01029A0030	N female	340-960 / 1710-2700 MHz	13 dB	≤ -161 dBc	200 W	IP65
J01029A0031	N female	340-960 / 1710-2700 MHz	15 dB	≤ -161 dBc	200 W	IP65
J01029A0032	N female	340-960 / 1710-2700 MHz	20 dB	≤ -161 dBc	200 W	IP65
J01029A0033	N female	340-960 / 1710-2700 MHz	30 dB	≤ -161 dBc	200 W	IP65
J01029A0025	N female	698-960 / 1710-2700 MHz	3 dB	≤ -161 dBc	200 W	IP65
J01029A0012	N female	698-960 / 1710-2700 MHz	6 dB	≤ -161 dBc	200 W	IP65
J01029A0013	N female	698-960 / 1710-2700 MHz	8 dB	≤ -161 dBc	200 W	IP65
J01029A0014	N female	698-960 / 1710-2700 MHz	10 dB	≤ -161 dBc	200 W	IP65
J01029A0015	N female	698-960 / 1710-2700 MHz	13 dB	≤ -161 dBc	200 W	IP65
J01029A0016	N female	698-960 / 1710-2700 MHz	15 dB	≤ -161 dBc	200 W	IP65
J01029A0017	N female	698-960 / 1710-2700 MHz	20 dB	≤ -161 dBc	200 W	IP65
J01029A0018	N female	698-960 / 1710-2700 MHz	30 dB	≤ -161 dBc	200 W	IP65
J01447A0045	4.3-10 female	340-960 / 1710-2700 MHz	3 dB	≤ -161 dBc	300W	IP65
J01447A0046	4.3-10 female	340-960 / 1710-2700 MHz	6 dB	≤ -161 dBc	300W	IP65
J01447A0047	4.3-10 female	340-960 / 1710-2700 MHz	8 dB	≤ -161 dBc	300W	IP65
J01447A0048	4.3-10 female	340-960 / 1710-2700 MHz	10 dB	≤ -161 dBc	300W	IP65
J01447A0049	4.3-10 female	340-960 / 1710-2700 MHz	13 dB	≤ -161 dBc	300W	IP65
J01447A0050	4.3-10 female	340-960 / 1710-2700 MHz	15 dB	≤ -161 dBc	300W	IP65
J01447A0051	4.3-10 female	340-960 / 1710-2700 MHz	20 dB	≤ -161 dBc	300W	IP65
J01447A0052	4.3-10 female	340-960 / 1710-2700 MHz	30 dB	≤ -161 dBc	300W	IP65
J01447A0053	4.3-10 female	698-960 / 1710-2700 MHz	3 dB	≤ -161 dBc	300W	IP65
J01447A0023	4.3-10 female	698-960 / 1710-2700 MHz	6 dB	≤ -161 dBc	300W	IP65
J01447A0024	4.3-10 female	698-960 / 1710-2700 MHz	8 dB	≤ -161 dBc	300W	IP65
J01447A0025	4.3-10 female	698-960 / 1710-2700 MHz	10 dB	≤ -161 dBc	300W	IP65
J01447A0026	4.3-10 female	698-960 / 1710-2700 MHz	13 dB	≤ -161 dBc	300W	IP65
J01447A0027	4.3-10 female	698-960 / 1710-2700 MHz	15 dB	≤ -161 dBc	300W	IP65
J01447A0028	4.3-10 female	698-960 / 1710-2700 MHz	20 dB	≤ -161 dBc	300W	IP65
J01447A0029	4.3-10 female	698-960 / 1710-2700 MHz	30 dB	≤ -161 dBc	300W	IP65
H06000A0085	W-Type Bracket for Tappers included					

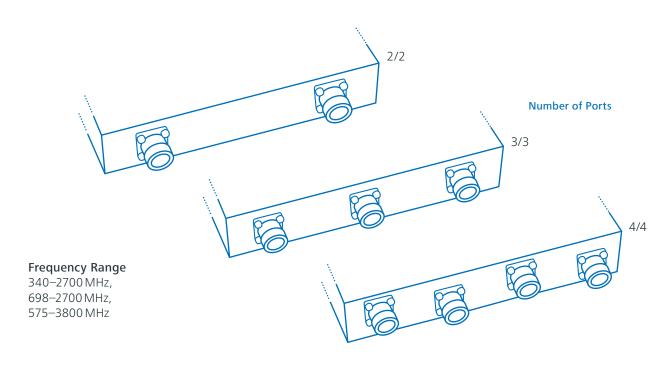
W-Type Bracket for Tappers included

HYBRID COUPLERS

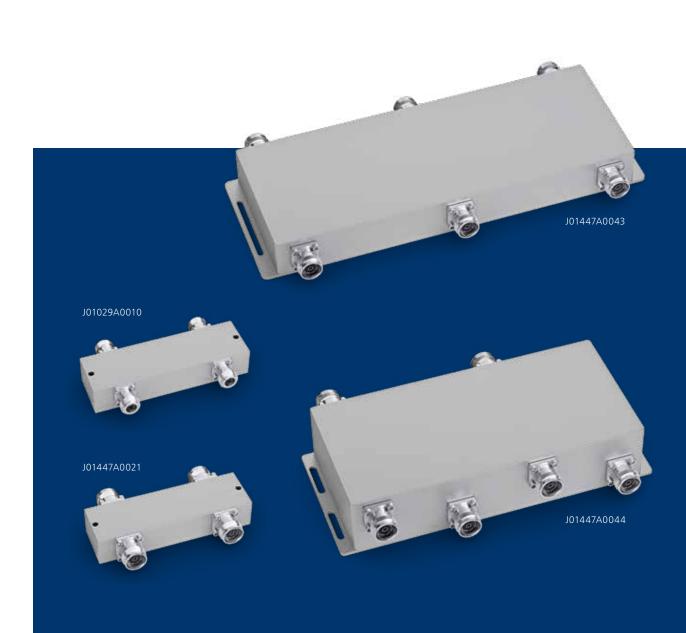
Hybrid Couplers with N or 4.3-10 connector interfaces.

Hybrid Couplers are basically used for either splitting a signal into equal shares with high port isolation or to combine signals within the same frequency band. As for most other components, Telegärtner concentrates on low PIM, low VSWR and low insertion loss.





Part Number	Connector Interface	Frequency Range	No. of Ports In/Out	PIM (@2×43 dBm)	Av. Power Rating	Environmental
J01029A0022	N female	340-2700 MHz	2/2	≤ -161 dBc	200 W	IP65
J01029A0010	N female	698-2700 MHz	2/2	≤ -161 dBc	200 W	IP65
J01029A0011	N female	575-3800 MHz	2/2	≤ -161 dBc	200 W	IP65
J01029A0023	N female	698-2700 MHz	3/3	≤ -155 dBc	200 W	IP65
J01029A0024	N female	698-2700 MHz	4/4	≤ -161 dBc	200 W	IP65
J01447A0042	4.3-10 female	340-2700 MHz	2/2	≤ -161 dBc	300W	IP65
J01447A0021	4.3-10 female	698-2700 MHz	2/2	≤ -161 dBc	300W	IP65
J01447A0022	4.3-10 female	575-3800 MHz	2/2	≤ -161 dBc	300W	IP65
J01447A0043	4.3-10 female	698-2700 MHz	3/3	≤ -155 dBc	300W	IP65
J01447A0044	4.3-10 female	698-2700 MHz	4/4	≤ -161 dBc	300W	IP65



TERMINATION LOADS

Termination Loads with N or 4.3-10 connector interfaces.

Termination Loads are applied to terminate remaining power on a transmission line that is not needed, e.g. for testing purposes or diagnostics. The target is also not to reflect any power. Loads can likewise be used to terminate an unused port of a hybrid couplers when it is used as directional coupler. Besides standard loads, Telegärtner also offers low-PIM Loads with 4.3-10 plugs for terminating power up to 200 W.





J01026A0022

Part Number	Connector Interface	Frequency Range	Power Rating	PIM (@2×43 dBm)
J01026A0012	N male	0-6 GHz	1 W	-
J01026A0010	N male	0-18 GHz	2 W	-
J01026A0022	N male	0-6 GHz	10 W	-
J01444A0001	4.3-10 male	0-6 GHz	1 W	-
J01444A0000	4.3-10 male (Screw)	0-7.5 GHz	2W	_
J01444A3000	4.3-10 male (Push-Pull)	0-7.5 GHz	2W	-
J01444A0002	4.3-10 male	0-6 GHz	10 W	-
J01444A0011	4.3-10 male	650-3000 MHz	10 W	≤ -161 dBc
J01444A0003	4.3-10 male	650-3000 MHz	30 W	≤ -161 dBc
J01444A0004	4.3-10 male	698-2700 MHz	200 W	≤ -161 dBc

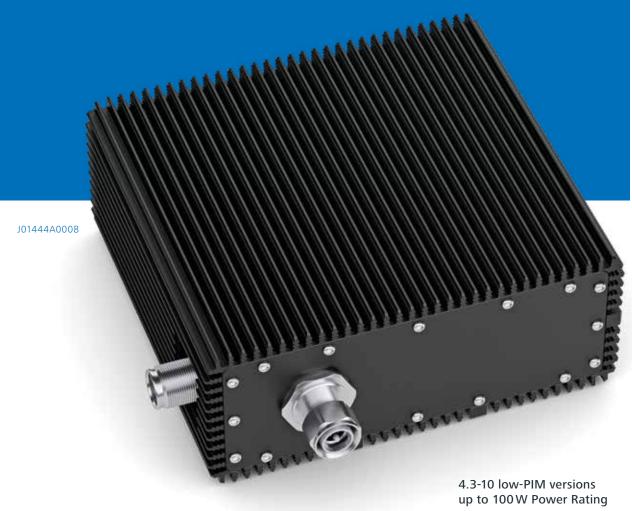
H06000A0083 Bracket for High Power Low PIM Loads & Attenuators

ATTENUATORS

Attenuators with N or 4.3-10 connector interfaces.

Attenuators are used where power needs to be reduced to reach a certain transmitted power level at a defined point in a transmission line. Attenuators can virtually simulate longer transmission distances with the same insertion loss. Besides standard attenuators, Telegärtner also offers low-PIM attenuators (≤ -161 dBc) with 4.3-10 interface for higher power up to 100 W and attenuation up to 30 dB.

low-PIM



Attenuation up to 30 dB



Part Number	Connector Interface	Frequency Range	Power Rating	Attenuation	PIM (@2×43 dBm)		
J01026A0018	N male to N female	0-10 GHz	2 W	3 dB	_		
J01026A0019	N male to N female	0-10 GHz	2 W	6 dB	-		
J01026A0020	N male to N female	0-10 GHz	2 W	10 dB	-		
J01026A0021	N male to N female	0-10 GHz	2 W	20 dB	_		
J01444A0005	4.3-10 male to 4.3-10 female	698-2700 MHz	50 W	10 dB	≤ -161 dBc		
J01444A0006	4.3-10 male to 4.3-10 female	698-2700 MHz	50 W	20 dB	≤ -161 dBc		
J01444A0007	4.3-10 male to 4.3-10 female	698-2700 MHz	50 W	30 dB	≤ -161 dBc		
J01444A0008	4.3-10 male to 4.3-10 female	698-2700 MHz	100 W	10 dB	≤ -161 dBc		
J01444A0009	4.3-10 male to 4.3-10 female	698-2700 MHz	100 W	20 dB	≤ -161 dBc		
J01444A0010	4.3-10 male to 4.3-10 female	698-2700 MHz	100 W	30 dB	≤ -161 dBc		
H06000A0083	Bracket for High Power Low PIM Loads & Attenuators						



Telegärtner Karl Gärtner GmbH Lerchenstr. 35 D-71144 Steinenbronn Tel. +49 71 57/1 25-0 Fax +49 71 57/1 25-5120 info@telegaertner.com www.telegaertner.com

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