

## TP-xxLX-yy-JJ

Tapper | 350-2700 MHz

### Features

- Operates in 350-2700 MHz frequency range
- Available with N-Type, 7/16-DIN, or 4.3-10 female connectors
- Low PIM value
- Minimal RF insertion loss
- RoHS compliant

Electrical Characteristics										
Tapper Coupling Model (xx)		06	07	08	10	13	15	20	30	
Frequency Range		350-960 / 1710-2700 MHz								
Coupling		6 dB	7 dB	8 dB	10 dB	13 dB	15 dB	20 dB	30 dB	
Coupling Accuracy	4.3-10 Female Connectors	350-698 MHz	±1.2 dB	±1.2 dB	±1.2 dB	±1.3 dB	±1.4 dB	±1.25 dB	±1.25 dB	±1.5 dB
		698-960 MHz	±0.8 dB	±0.8 dB	±0.8 dB	±1.0 dB	±1.25 dB	±1.25 dB	±1.25 dB	±1.5 dB
		1710-2700 MHz	±0.8 dB	±0.8 dB	±0.8 dB	±1.0 dB	±1.25 dB	±1.25 dB	±1.25 dB	±1.6 dB
	N Female & 7/16-DIN Female Connectors	350-698 MHz	±1.2 dB	±1.2 dB	±1.2 dB	±1.3 dB	±1.4 dB	±1.5 dB	±1.5 dB	±1.6 dB
		698-960 MHz	±0.8 dB	±0.8 dB	±0.8 dB	±1.0 dB	±1.25 dB	±1.25 dB	±1.25 dB	±1.5 dB
		1710-2700 MHz	±0.8 dB	±0.8 dB	±0.8 dB	±1.0 dB	±1.25 dB	±1.25 dB	±1.25 dB	±1.5 dB
VSWR		1.25:1	1.25:1	1.25:1	1.2:1	1.2:1	1.2:1	1.2:1	1.2:1	
Insertion Loss	4.3-10 Female Connectors	1.6 dB	1.5 dB	1.1 dB	0.7 dB	0.6 dB	0.4 dB	0.3 dB	0.2 dB	
	N Female & 7/16-DIN Female Connectors	1.6 dB	1.5 dB	1.1 dB	0.7 dB	0.6 dB	0.2 dB	0.1 dB	0.1 dB	
Power Handling	Average	200 W								
	Peak	3 kW								
IM3 (2x43 dBm)		-160 dBc								
Impedance		50Ω								
Mechanical Characteristics										
Dimensions (L x W x D)	4.3-10 Female	146 x 46 x 25 mm (5.8 x 1.8 x 1.0 in)								
	7/16-DIN Female	154 x 49 x 29 mm (6.1 x 1.9 x 1.4 in)								
	N Female	141 x 43 x 25 mm (5.6 x 1.7 x 1.0 in)								
Weight	4.3-10 Female	0.25 kg (0.55 lbs)								
	7/16-DIN Female	0.35 kg (0.77 lbs)								
	N Female	0.26 kg (0.57 lbs)								
Connectors (yy)		See Ordering Options Table Next Page								
Environmental Characteristics										
Operating Temperature		-35° to +85° C								
Application		Indoor / Outdoor								
Protection Class		IP65								

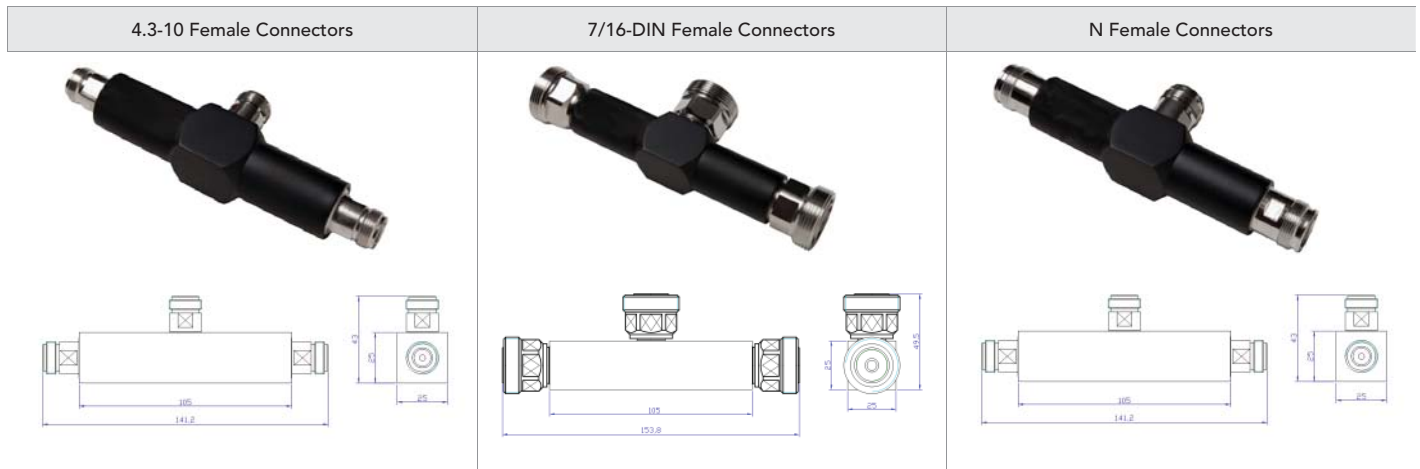
Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

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ORDERING OPTIONS	MODEL NUMBER		
Coupling Value (xx)	Connector Type (yy)		
	4.3-10 Female Connectors	7/16-DIN Female Connectors	N Female Connectors
6 dB	TP-06LX-43F-JJ	TP-06LX-DF-JJ	TP-06LX-NF-JJ
7 dB	TP-07LX-43F-JJ	TP-07LX-DF-JJ	TP-07LX-NF-JJ
8 dB	TP-08LX-43F-JJ	TP-08LX-DF-JJ	TP-08LX-NF-JJ
10 dB	TP-10LX-43F-JJ	TP-10LX-DF-JJ	TP-10LX-NF-JJ
13 dB	TP-13LX-43F-JJ	TP-13LX-DF-JJ	TP-13LX-NF-JJ
15 dB	TP-15LX-43F-JJ	TP-15LX-DF-JJ	TP-15LX-NF-JJ
20 dB	TP-20LX-43F-JJ	TP-20LX-DF-JJ	TP-20LX-NF-JJ
30 dB	TP-30LX-43F-JJ	TP-30LX-DF-JJ	TP-30LX-NF-JJ

Packaging Characteristics		
Dimensions (L x W x D)	180 x 90 x 40 mm (7.1 x 3.5 x 1.6 in)	
Weight	4.3-10 Female	0.42 kg (0.93 lbs)
	7/16-DIN Female	0.42 kg (0.93 lbs)
	N Female	0.31 kg (0.68 lbs)



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