

Passive Components for Communications Networks

Wideband Tapper — High Performance

Notable Product Features

- High Performance from 600–4000 & 5100–6000MHz, PIM₃ ≤ -161dBc
- Public Safety Band (UHF, 700/800), CBRS and LTE-U/LTE-LAA
- Designed for indoor/outdoor deployments
- Outstanding performance and reliability



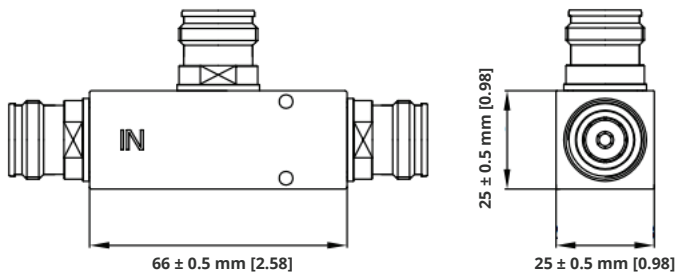
Electrical Specifications										
Part#	4.3/10 Female Conn	MT5-600-60004F	MT6-600-60004F	MT7-600-60004F	MT8-600-60004F	MT9-600-60004F	MT10-600-60004F	MT13-600-60004F	MT15-600-60004F	MT20-600-60004F
	N-Female Conn	MT5-600-6000NF	MT6-600-6000NF	MT7-600-6000NF	MT8-600-6000NF	MT9-600-6000NF	MT10-600-6000NF	MT13-600-6000NF	MT15-600-6000NF	MT20-600-6000NF
	Frequency Range (MHz)	600–4000 & 5100–6000MHz								
	Coupling Coefficient (dB)	5	6	7	8	9	10	13	15	20
Coupling Tolerance	@600–960MHz	-5.0±1.3	-6.1±1.3	-7.0±1.3	-8.6±1.3	-9.0±1.3	-10.4±1.3	-13.2±1.8	-15.1±1.8	-20.1±1.8
	@1710–4000MHz	-5.0±1.0	-6.1±1.0	-7.0±1.0	-8.6±1.0	-9.0±1.0	-10.4±1.0	-13.2±1.5	-15.1±1.5	-20.1±1.5
	@5100–6000MHz	-5.0±1.3	-6.1±1.3	-7.0±1.3	-8.6±1.3	-9.0±1.3	-10.4±1.3	-13.2±1.8	-15.1±1.8	-20.1±1.8
Coupled Loss. Typical (dB)	@600–960MHz	2	1.5	1.2	0.8	0.8	0.6	0.3	0.2	0.2
	@1710–4000MHz	1.7	1.4	1.3	0.9	0.9	0.6	0.4	0.2	0.2
	@5100–6000MHz	1.8	1.5	1.3	0.9	0.9	0.7	0.5	0.3	0.2
	VSWR	1.25:1								
	PIM3 (dBc)	≤ -161@2x43dBm								
	Input Power (W)	300								
	Peak Power (W)	1500								
	Impedance (ohms)	50								

Mechanical Specifications	
Dimensions HxWxD (mm/inch) (exclude conn)	66x25x25 / 2.6x0.98x0.98
Weight (kg/lb) (includes conn, mount)	0.25 / 0.11
Coupling Nut Proof Torque	≤ 4.5N.m
Color	Black
Mounting	Wall Mounted

Environmental Specifications	
Operational Temperature (°C)	-35 to +85
Operational Humidity (%)	≤ 95
Ingress Protection Class	IP65
Application	Indoor and Outdoor
RoHS	Compliant

Drawing reference

MTXX-600-60004F



MTXX-600-6000NF

