



# CABLE - U.FL FEMALE TO RPSMA FEMALE 4"

Adapter cable for connecting U.FL to RPSMA



GENERAL		
CABLE TYPE		RG-178
STYLE		RP-SMA to UMCC
CONNECTORS		End A: RP-SMA Female Jack, Male Pin; End B: Ultra Miniature Coaxial Plug, Female Socket, Right Angle
LENGTH		4.00" (101.6 mm)
STANDARD: MIL-C-17		
CONDUCTOR		Size: 30 AWG; Material: silver-coated copper; Conductors number: 7; Conductors size: 0.102 mm; O.D.: 0.31 mm
INSULATION		Average thickness: 0.28 mm; Diameter: 0.86 mm +Q.03; Material: PEP; Color: clear
BRAID		Material: silver-coated copper; Construction: 16 / 3 / 0.09 mm; Coverage 92%
JACKET		Average thickness: 0.25 mm; Diameter: 1.80 mm ±0.05; Material: FEP
ELECTRICAL AND PHYSICAL PROPERTIES		
RATING TEMPERATURE		105° C 30V
CONDUCTOR RESISTANCE		838 OHM/KM/20° C max
INSULATION RESISTANCE		3000 MEGA OHM-KM min
DIELECTRIC STRENGTH		AC 1.0 KV/Minute
SPARK TEST		2.5 KV
INSULATION AND JACKET	UNAGED	Tensile strength: 2500 PSI MIN.(1.76 Kg / m m <sup>2</sup> ); Elongation: 200% MIN.
	AGED	Tensile strength: UNAGED MIN 75% (168 HRS x 232° C); Elongation: UNAGED MIN 75% (168 HRS x 232° C)
NOM. IMPEDANCE		50±5 Ohms
NOM. CAPACITANCE		95.8 pF/m
NOM. VEL. OF PROP.		69.5%
VSWR (0 - 6 GHZ)		Max 1.3
THERMAL SHOCK		Max 1 mm at 232° C/1 HR
BEND RADIUS		Min 9 mm
ATTENUATION (DB/1M)		1GHz: 1.8; 1.8GHz: 2.6; 2.4GHz: 2.9; 5.2GHz: 4.5; 6GHz: 4.9

PART NUMBER	DESCRIPTION
JF1R6-CR3-4I	U.FL Female to RPSMA Female 4"

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