



# CHARACTERISTICS

DESCRIPTION:

ADAPTOR TNC JACK TO JACK FL

Electrical data:

Impedance:	50 ohm
Frequency range:	DC to 10 GHz
VSWR:	$\leq 1.08 + 0.03 \times f[\text{GHz}]$
Insertion loss:	$\leq 0.35\text{dB}$ , DC-6GHz
Insulation resistance:	$\geq 5000\text{M}\Omega$
Test voltage:	1500 V rms
Working voltage:	500 V rms
Contact resistance:	
1). Centre contact:	1.5 m $\Omega$
2). Outer conductor:	1.0 m $\Omega$
Power handling (at 20 ° C, sea level, VSWR 1.0):	$\leq 80 \text{ W @ } 2 \text{ GHz}$

Environmental data:

Temperature rating:	-65 ° C to +165 ° C
2002/95/EC (RoHS):	Compliant

Mechanical data:

Mating cycles:	$\geq 500$
Center contact captivation:	$\geq 15 \text{ N(axial)}$
Coupling test torque:	$\leq 1.7 \text{ Nm}$
Recommended torque:	0.8 Nm to 1.1 Nm

Suitable cables:

N/A