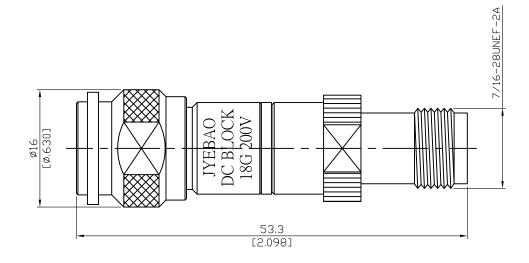


## www.jyebao.com.tw

DCS-TMTF18G200V50

TNC Plug To TNC Jack DC Block Inner From 50MHz to 18GHz rated 200Volt

50Ω



Connector 1		Connector 2				l Voltage I	VSWR	Attenuation(dB)
Series	Male / Female	Series	Male / Female	Frequency	Impedance	(V)	18G	18G
TNC	Male	TNC	Female	50MHz to 18GHz	50Ω	200V DC	<u>≤</u> 1.35	<u>&lt;</u> 0.75

Parts	Material	Plating ( Micro-inch )
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Stainless Steel	Passivated
Retainer Ring	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	
Coupling Nut	Stainless Steel	Passivated

Weight: 34.56 g

TNC	DCS-TMTF18G200V50			
Interface				
MIL-STD-348B				
Electrical Data				
Impedance	50Ω			
Frequency range	DC to 18GHz			
VSWR	$\leq$ 1.35 (DC to 18GHz)			
Insertion loss	$\leq$ 0.1 x $\sqrt{f(GHz)}$ dB			
Insulation resistance	$\geq$ 5000M $\Omega$			
Contact resistance inner conductor	≦1.5mΩ			
Contact resistance outer conductor	≦1mΩ			
Dielectric withstanding voltage (at sea leve	el) 1500 V rms			
Working voltage (at sea level)	500 V rms			
Mechanical Data				
Recommended coupling nut torque	4.1 to 6.1 inch lbs			
Coupling proof torque	15 inch lbs			
Coupling nut retention force	≧101.2 lbs			
Contact captivation-axial	≧6.1 lbs			
Durability (mating)	≥500			
Environmental Data				
Temperature range	-65°C to +165°C			
Thermal shock	MIL-STD-202, Method 107, Condition B			
Moisture resistance	MIL-STD-202, Method 106			
Corrosion	MIL-STD-202, Method 101, Condition B			
RoHS	Compliant			
Tooling				
Tooming				

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

## DCS-TMTF18G200V50

