TECHNICAL DATA SHEET

RF CABLE ASSEMBLY

N Male Straight to N Male Straight – ULLPS810

SPECIFICATION	
RF Series 1	N
Gender	Plug (Male)
Orientation 1 (Body)	Straight
RF series 2	N
Gender 2	Plug (Male)
Orientation 2 (Body)	Straight
Body Finish	Passivated
Body Material	Stainless Steel
Contact Finish	Gold Plated
Contact Material	Beryllium Copper
Cable Type	ULLPS-D8.1
Cable Center Conductor	Silver Plated Copper
Cable Dielectric Material	LD PTFE
Cable Outer Conductor	Silver Plated Copper Foil
Cable Overall Braid	Silver Plated Copper
Jacket	FEP
Cable Colour	Grey

PART No: TE-RFCA-N-MST-MST-ULLPS810-3M



Key Applications:

- High frequency CW Pulse Generator
- Inter/intra cabinet jumpers
- Internal component equipment wiring

ELECTRICAL PROPERTIES	
Frequency	DC - 18 GHz
Impedance	50 Ohm
VSWR	≤1.50
Max Insertion Loss (dB)	2.70 @ 18 GHz (max)
Power Handling	1800 W @ 1 GHz 384 W @ 18 GHz
Velocity of Propagation	84%
Shielding Effectiveness	> 100dB @ 18GHz
Voltage Withstand (Volts DC)	3600

TE TECH SOLUTION
Head Office: Mala Bhawan, Near Lohar Basti, Rangamati, Sindri, Dhanbad Jharkhand – 828122
R&D Centre: FF-02, 1st Floor, STPI Building, Near BIT Sindri, Sindri, Dhanbad, Jharkhand (India) – 828123
Branch Office: 38, Hanuman Layout, 1st Cross, Ramchandrapura, Jalahalli – Post, Bangalore (India) – 560013
Tel : +91-7829139667, 8910780736, 0326-3560859 | Email: enquiry@tetechsolution.com | www.tetechsolution.com

Mechanical Properties	
Length	3 mtr.
Length Tolerance	±1%
Weight	550 gm (max)
Durability (matings)	≥ 500
Min. Bending Radius (mm)	40.0
Outer Diameter (Max)	8 ± 0.10 mm
Marker Position	Centre and both Side

Environmental Properties	
Temperature Range	-55°C to +165°C



CAD drawing shown is for reference only and may differ slightly from the actual RF cable assembly.

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