

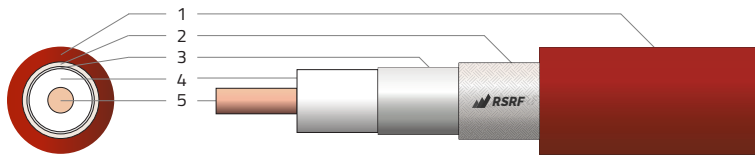
RS400 N-Male to N-Male Plenum Coaxial Cable

by WAVEFORM

SKU: RS400-PL-x

Main Features:

- Plenum-Rated for dropped ceilings and raised floors
- N-Male connectors
- 0-6000 MHz
- 50 Ω
- 9.40 mm diam. cabling



#	Description	Material	Diameter (mm)
1	Jacket	Fluoropolymer	9.40
2	Outer Shield	Tinned Copper Braid	8.13
3	Outer Conductor	Bonded Aluminum Foil	7.39
4	Dielectric	PTFE	7.24
5	Inner Conductor	Copper Clad Aluminum	2.41

Specifications:

Electrical:

Input Impedance	50 Ω
Frequency Range	0 - 6000 MHz
VSWR	$\leq 1.25:1$
Capacitance	$< 87.6 \text{ pF/m}$
Velocity	76 %
Shielding	$> 90 \text{ dB}$
Power Rating (Peak)	16 kW

RF Attenuation (per 30 ft):

600 MHz	0.9 dB
900 MHz	1.2 dB
1800 MHz	1.7 dB
2100 MHz	1.8 dB
2500 MHz	2.0 dB
3000 MHz	2.3 dB
4000 MHz	2.7 dB
5000 MHz	3.0 dB
6000 MHz	3.4 dB

Mechanical:

Jacket Color	Red
Cable Diameter	9.40 mm
Cable Length	Varying
Bending Radius	25.4 mm
Connector Type	N-Male
Connector Diameter	20.3 mm
Net Weight	0.15 kg/m

Environmental:

Plenum Rated?	Yes
Burial Rated?	No
UV Rated?	Yes
Operating Temperature	-40 to +125 deg C



WAVEFORM

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