

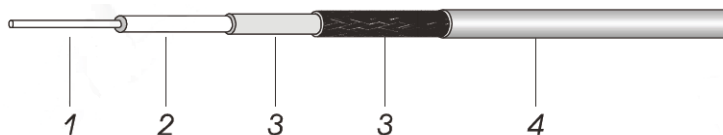
# ANT-CAB-400-N-RPXXX-Y Cable

N-Tron Networking Series



## ▶▶▶ Antenna Cables

The N-TRON ANT-CAB-400-RPXXX-Y Cable is designed to connect the 702-W or 702M12-W to an antenna with minimum signal loss and provide maximum durability.



Construction	Material	Diameter (mm / in.)
1. Inner Conductor	Copper, Aluminum	2.74 / 0.108
2. Dielectric	Physical Foam Polyethylene	7.24 / 0.285
3. Outer Conductor	Bonded Aluminum Foil + Tinned Copper Braid	8.13 / 0.320
4 Jacket	Black Polyethylene	10.29 / 0.405

### Electrical Characteristics

Capacitance (pF/m)	77.1
Impedance (ohm)	50
Velocity (%)	85
Inner Conductor DC Resistance (W/km)	2.92
Outer Conductor DC Resistance (W/km)	5.41
Shielding Effectiveness (dB)	>90
Cutoff Frequency	16.2
Peak Power	16KW

### Attenuation and Average Power (20°C)

Frequency (MHz)	Attenuation dB (100m / 100ft)	Avg. Power (KW)
2500	22.2 / 6.8	0.33
5800	35.5 / 10.8	0.21

### Mechanical and Environmental Characteristics

Min. Bend Radius (mm / in.)	51 / 2.0
Operating Temp (°C)	-40 to +80
Tensile Strength (kg / lb)	72.6 / 160



N-TRON ANT-CAB-400-N-RPSMA cable for use with 702-W. N connector is pictured on left and RP-SMA connector on right



N-TRON ANT-CAB-400-N-RPTNC cable for use with the 702M12-W. N connector is pictured on left and RP-TNC connector on right

### ORDERING INFORMATION

PART NUMBER	DESCRIPTION
ANT-CAB-400-N-RPSMA-X	Low loss CA-400 coaxial cable with (1) RP-SMA connector and (1) N Male connector for use with the 702-W
ANT-CAB-400-N-RPTNC-X	Low loss CA-400 coaxial cable with (1) RP-TNC connector and (1) N Male connector for use with the 702M12-W

Where: X=feet (specify length of cable)



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