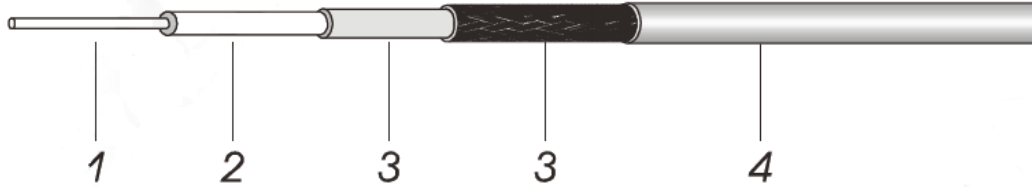


The *N-TRON* ANT-CAB-400-RPXXX-Y Cable is designed to connect the 702-W or 702M12-W to an antenna with minimum signal loss and provide maximum durability.



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 ( $\Omega$ /km)	2.92
Outer Conductor DC Resistance ( $\Omega$ /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:

**ANT-CAB-400-N-RPXXX-Y**

Where:

XXX = Connector type, (RP)SMA or (RP)TNC

Y = Length in feet

#### Contact Information

Secure online  
ordering  
24/7/365 from

**B & B electronics**  
MANUFACTURING COMPANY

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