

RSC-400

Rosen Cable 50 Ohm Braided Coaxial Cable, variable , black strengthening PVC jacket.



CHARACTERISTICS:

Construction Materials

Jacket Color	Black
Jacket Material	Strengthening PVC
Braid Material	Tinned copper
Shield Tape Material	Aluminium
Dielectric Material	Foam PE
Inner Conductor Material	Copper-clad aluminium

Dimensions

Cable Weight	0.128 kg/m
Diameter Over Dielectric	7.24 mm
Diameter Over Jacket	10.29 mm
Inner Conductor OD	2.74 mm
Outer Conductor OD	8.08 mm

Electrical Specifications

Cable Impedance	50 ohm
Capacitance	84 pF/m
dc Resistance, Inner Conductor	4.49 ohm/km
dc Resistance, Outer Conductor	5.61 ohm/km
Jacket Spark Test Voltage (RMS)	8000 V
Dc Test Voltage	2500 V
Maximum Frequency	15.00 GHz
Operating Frequency Band	30 – 6000 MHz
Velocity of Propagation	85%

Environmental Specifications

Installation Temperature	-35 °C to 85 °C
Operating Temperature	-35 °C to 85 °C
Storage Temperature	-70 °C to 85 °C

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General Specifications

Cable Type	RSC-400
Braid Coverage	93%
Brand	ROSEN

Mechanical Specifications

Bending Moment	0.7 N-m
Flat Plate Crush Strength	0.7 kg/mm
Minimum Bend Radius	25.00 mm
Single Bend Tensile Strength	73 kg

Electrical Performance

Frequency	Attenuation (dB/100 m)
50 MHz	2,95
150 MHz	4,92
300 MHz	7,2
450 MHz	8,86
960 MHz	13,22
1500 MHz	16,73
1800 MHz	18,43
2000 MHz	19,43
2400 MHz	22,31
2500 MHz	22,67
3000 MHz	25,35
4000 MHz	29,75
4500 MHz	31,78
5000 MHz	33,81
5200 MHz	34,48
5500 MHz	35,84
5800 MHz	36,85
6000 MHz	37,53

Regulatory Compliance/Certifications

