CostWORX is the leading wholesale distributor of telecom & technology infrastructure products, supplying globally through a network of local alliance partners.

1-1/4 leaky cable radiating type fire retardant jacket

High Performance Leaky Coaxial Cable used for Transmission Lines.

Competitively designed for simple installation in the toughest conditions.

Construction Materials	
Inner Conductor	Smooth Copper Tube
Dielectric	Physical Foam Polyethylene
Outer Conductor	Corrugated Copper Tube
Jacket	Black PE or Low Smoke free Fire Retardent

Physical Dimensions	
Inner Conductor Diameter	13.00 mm
Dielectric Diameter	32.50 mm
Outer Conductor Diameter	35.80 mm
Diameter Over Jacket	38.60 mm

Mechanical Specifications	
Minimum Bending Radius	
Single Bending	150 mm
Repeated Bending	700 mm
Tensile Strength	1600 N

Environmental Specifications	
Storage Temperature	-55°C - +85°C
Installation Temperature	-40°C - +60°C
Operation Temperature	-55°C - +85°C

Electrical Specifications	
Capacitance	76.0pF/m

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Impedance	50 + 1 â„¦
Velocity	89%
Insulation Resistance	5000 Mâ„¦.km
Jacket Spark	10 kV
Insulation Voltage	10 kV
Inner Conductor DC Resistance	0.70 â„¦/km
Outer Conductor DC Resistance	0.70 â„¦/km
VSWR	
0.3 - 0.5 GHz	< 1.15
0.8 - 1.0 GHz	< 1.15
1.7 - 2.0 GHz	< 1.20
2.0 - 2.4 GHz	< 1.20

Performance

Attenuation (dB/100m)	
75 MHz	0.80
150 MHz	1.10
450 MHz	2.50
800 MHz	3.30
900 MHz	3.50
1800 MHz	5.00
2200 MHz	5.90
2400 MHz	6.50

Coupling Loss (2m) (50%/95%) dB	
75 MHz	61 / 71
150 MHz	64 / 74
450 MHz	75 / 85
800 MHz	76 / 86
900 MHz	76 / 86
1800 MHz	77 / 87
2200 MHz	77 / 87
2400 MHz	78 / 88

Standard Conditions

For Attenuation: VSWR 1.0, Cable Temperature 20 °C (68 °F)
Inner Conductor Temperature 100 °C (212 °F). No solar loading

Certification
CE Approved
UL Approved