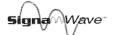


PRODUCT DATA SHEET

Controlled Document - Engineering Drive



1530 Shields Drive Waukegan, IL 60085 Toll-Free (800) 323-9355 Fax: (847) 689-1192



SIGNA-WAVE™ - 400 SERIES Flexible Communications Cable

Part Number TBD

Designation Standard Outdoor

Jacket Polyethylene

PRINT: TRI-V TOOL & MFG.CO. (www.Tri-VTool.com) P/N TBD 50 OHM 400 SERIES - MADE IN USA

Construction Specifications:

Material

Diameter

Inner conductor Solid BCCAL

0.108" Nom.

Dielectric Foamed Polyethylene

0.285" Nom.

Outer Conductor

Bonded Aluminum Foil + Tinned Copper Braid Jacket UV Resistant Black Polyethylene

0.320" Nom.

0.405" Nom.

Electrical Properties:

Capacitance

23.9 pF/ft

Minimum Bend Radius

1.00"

Impedance

50 Ohms

Storage Temperature

Mechanical & Envionmental Properties:

-94°F to 185°F

Velocity Inner Conductor DC Resistance

85% 1.39 (Ω/1000ft) Installation Temperature

-40°F to 185°F

Outer Conductor DC Resistance Shielding Effectiveness

1.65 (Ω/1000ft) 90 dB

Operating Temperature

-40°F to 185°F

Jacket Spark Cutoff Frequency Peak Power Voltage Withstand 8,000 VAC 16.2 GHz

16.0 kW 2.500 VDC

Attenuation & Average Power (68°F).

uation & Average F	ower (68°r):	
Frequency (MHz)	Typical Attenuation (dB/100ft)	Average Power (kW)
30	0.70	3.30
50	0.90	2.60
150	1.50	1.50
220	1.90	1.20
450	2.70	0.83
900	3.90	0.58
1500	5.10	0.44
1800	5.70	0.40
2000	6.00	0.37
2500	6.80	0.33
5800	10.80	0.21



This product complies with European Directive 2002/95/EC (RoHS)

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On special orders, the customer must accept all factory lengths and +/- 10% of the order quantity

Customer Approval:

Company Name:

Authorized Representative:

Specification Issue Date: October 22, 2014