FOTUX® Flexible RF Coaxial Drop Cable

FX-RG660TEW

RG-6 60% TRI-SHIELD, WHITE PVC JACKET, 305M

General	
Cable Type	Series 6
Inner Conductor	Copper Clad Steel
Dielectric	Foam PE
Shield Construction	A/P Foil + 60% Al Braid + A/P Foil
Al Foil Overlap	18%-35%
Jacket Material	PVC
Jacket Color(s)	White
Print	Black ink, legible, cannot be wiped off by fingers
Packing	Plastic caps on both ends. Film stretch wrapped, 305m per wooden reel

Dimensions			
Inner Conductor Diameter		1.02 mm	0.040 in
Foam Dielectric Diameter		4.55 mm	0.179 in
Al Braid Wire Diameter		0.12 mm	0.005 in
Diameter Over Jacket		7.06 mm	0.278 in
Jacket Wall thickness		0.76 mm nominal	0.030 in
Reel	Flange Diameter	300 mm	11.8 in
	Hub Diameter	100 mm	3.9 in
	Traverse Width	300 mm	11.8 in

Environmental & Mechanical	
Operating Temperature	-15°C to + 60°C
Jacket Shrinkage	5%, max.
UV Resistance	UL 1581
Conductor Break Strength	410N, min.
Center Conductor Bond to Dielectric	12-25lbs

Electrical			
Impedance		75 ± 3 Ohms	
DC Resistance Inner Conductor		116 Ohms / km	35.4 Ohms / kft
DC Resistance Outer Conductor		29 Ohms / km	8.8 Ohms / kft
DC Resistance Loop		145 Ohms / km	44.2 Ohms / kft
Velocity of Propagation		83 %	
Jacket Spark Test Voltage (rms)		2500 V	
Return Loss	5-1000 MHz	20 dB	
	1000-3000 MHz	15 dB	

Attenuation @ 20 °C (68 °F)

Freq. (MHz)	dB/100m	dB/100ft	Freq. (MHz)	dB/100m	dB/100ft
55	6.25	1.90	550	16.08	4.90
211	10.00	3.05	750	18.54	5.65
250	10.82	3.30	870	20.04	6.11
270	11.04	3.37	1000	21.49	6.55
300	11.64	3.55	1200	23.65	7.21
330	12.26	3.74	1450	25.79	7.86
350	12.63	3.85	1750	28.71	8.75
400	13.61	4.15	2000	31.17	9.50
450	14.43	4.40	2200	32.83	10.01
500	15.29	4.66	3000	38.91	11.86

Compliance	
Applicable	RoHS2.0
Warranty	3 years

Applications:

Transmission of RF signals and power for voice, data and video; Broadband, Cable Television (CATV), RF drop cable, Over-The-Air (OTA) antennas, HFC and Satellite Networks up to 3Ghz

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