



HFC Technics - CableMax

RG11 SERIES CABLE (60%) with messenger

Datasheet

OBJECT	Coaxial Cable	Type	RG1160 TRI M CCS		
GRADE	RG11 Tri With Messenger				
TEST ITEMS	UNIT	LIMITS		RESULT	
Conductor	mm	1.63		Copper Cover Steel	
Dielectric		Thickness	2.74		Foam polyethylene
		Diameter	7.11		
Outer conductor		AL Tape	0.050		Aluminum/Poly tape Bonded
		Braiding Coverage	0.16±0.005 ×96WIRE Coverage 60%		0.16mm Aluminum
		AL TAPE	0.050		Aluminum/Poly tape Nonbonded
Jacket wall thickness		0.80±0.15		PVC /PE	
Diameter Over Jacket		10.16±0.02			
Messenger		1.83mm		Steel Messenger	
Attenuation (1000MHz, 20°C)		dB/100m Network Analyzer	5 MHz	1.25 dB↓	
	55MHz		3.15 dB↓		
	211 MHz		6.23 dB↓		
	270 MHz		7.10 dB↓		
	300 MHz		7.38 dB↓		
	330 MHz		7.90 dB↓		
	400 MHz		8.53 dB↓		
	450 MHz		9.02 dB↓		
	550 MHz		9.97 dB↓		
	750 MHz		11.97 dB↓		
	870 MHz		13.50 dB↓		
	1000 MHz		14.27 dB↓		
Sparker test	AVC	4000			
Inner Voltage	V	3000		Conductor to shield	
Impedance	Ω	75±3			
Velocity propagation	%	82			
V.S.W.R(Return loss)		1.2↓(20 dB↑)		100% swept test	
Insulation Resistance	MΩ	1000↑(20°C)			
Loop Resistance	Ω/km	65			
Capacitance	pF/m	53			
Conductor & Dielectric To stick	kgf/m	1M/min	2.55kgf↑(10.2 kgf /m		

Cable Mark: HFC Technics Cablemax COAXIAL CABLE XXXXXX METERS MM/DD/YYYY 000068 (XXXXXX means meter mark))

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