



HFC Technics - CableMax

RG11 SERIES CABLE (60%)

Datasheet

OBJECT	Coaxial Cable	Type	RG1160 TRI CCS		
GRADE	RG11 Tri				
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			
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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