

teletronik

RG6 T60M CCST Technical Specification

OBJECT	Coaxial Cable	Brand	TELETRONIK AG	
GRADE	RG6 Tri With Messenger			
TEST ITEMS	UNIT	LIMITS		RESULT
Conductor	mm	1.02		Copper Cover Steel
Dielectric		Thickness	1.775	Foam polyethylene
		Diameter	4.57	
Outer conductor		AL Tape	0.050	Aluminum/Poly tape Bonded
		Braiding Coverage	0.12±0.005 ×80WIRE Coverage 60%	0.12mm Aluminum
		AL TAPE	0.050	Aluminum/Poly tape Nonbonded
Jacket wall thickness		0.76±0.15		PVC (White or Black)
Diameter Over Jacket		7.0±0.02		
Messenger		1.3mm		Steel Messenger
Attenuation (1000MHz, 20°C)		dB/100m Network Analyzer	5 MHz	1.9 dB ↓
	55MHz		5.3 dB ↓	
	211 MHz		10.0 dB ↓	
	270 MHz		11.0 dB ↓	
	300 MHz		11.6 dB ↓	
	330 MHz		12.3 dB ↓	
	400 MHz		13.6 dB ↓	
	450 MHz		14.4 dB ↓	
	550 MHz		16.2 dB ↓	
	750 MHz		19.0 dB ↓	
	870 MHz		20.6 dB ↓	
	1000 MHz		21.49 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	M Ω		1000 ↑ (20°C)	
Capacitance	pF/m		53	
Conductor & Dielectric To stick	kgt/m	1M/min	2.55kgf ↑ (10.2 kgf /m	