

RG1160-45QM

RG1160-45QM, Quad-Shield Cable With Messenger



Material Specification

Inner Conductor	21% Copper-Clad Steel	1.63±0.02 mm
Dielectric	Foam PE	7.11±0.10 mm
Aluminum Foil	Bonded APA	7.32±0.15 mm
Braid	60% Braid Al-Mg	96*0.16 mm
Aluminum Foil	APA	8.11±0.20 mm
Braid	45% Braid Al-Mg	48*0.16 mm
Messenger Wire	Galvanized Steel	1.83±0.05 mm
Jacket	Black / White PVC	10.34±0.25 mm

Electrical And Mechanical Specification

Characteristic Impedance	75±3 Ω	
Velocity of Propagation	82%	
Capacitance	52.3 PF/m	
Insulation Resistance,min	5000 MΩ*km	
Jacket Spark Test Voltage	5 KV	
RL min	5-1002 MHz	23 dB
	1002-1218 MHz	20 dB
	1218-1794 MHz	19 dB
	1794-2250 MHz	18 dB
	2250-3000 MHz	16 dB

Environmental Specifications

Installation Temperature	-25°C~+70°C
Operating Temperature	-25°C~+70°C
Storage Temperature	-25°C~+70°C
RoHS 2011/65/EU	Compliant

Attenuation @ 20°C max

Frequency, MHz	dB/100ft	dB/100m	Frequency, MHz	dB/100ft	dB/100m
55	0.96	3.15	1350	5.21	17.09
211	1.90	6.23	1410	5.38	17.65
250	2.05	6.72	1450	5.45	17.88
270	2.13	7.00	1602	5.67	18.60
300	2.25	7.38	1675	5.95	19.52
330	2.35	7.71	1700	6.09	19.89
350	2.42	7.94	1794	6.31	20.70
400	2.60	8.53	1800	6.32	20.73
450	2.75	9.02	2000	6.65	21.82
500	2.90	9.51	2200	6.95	22.81
550	3.04	9.97	2400	7.27	23.85
600	3.18	10.43	2550	7.47	24.51
750	3.65	11.97	2700	7.66	25.13
870	4.06	13.31	2800	7.79	25.56
1002	4.36	14.27	2900	7.91	25.96
1218	4.92	16.14	3000	8.02	26.32
1250	4.98	16.34			