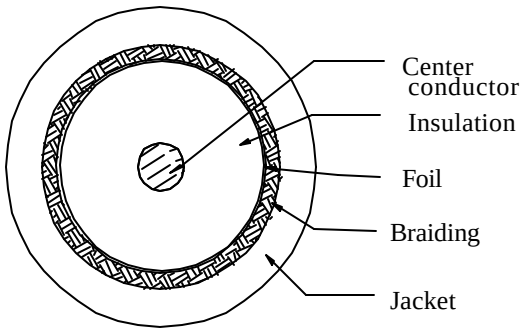
RG 6 60% CATV Cable — WAVENET — Part No.: 3040X

Cross Section



Marking

E223070 (UL) CM RG-6/U 18AWG 75C --- CATV 3.0GHZ TESTED ****** FT

Description

Rated Temperature (^{o}C)	75
Product Standard Certification	UL
Flammability Test	CM

Application

Drop cable for CATV and MATV distribution UV resistant

Reference Standard

SCTE IPS-SP-001, UL1655, UL13, UL444 TFC DROP CABLE

Construction

Center Conductor	**Copper Clad Steel**
AWG	18
Dia.	1.02
Insulation	**Skin Foam PE**
Nom. Thickness(mm)	1.78
Insulation Dia. (±0.08mm)	4.57
Al-maylar Shield (Overlapping, %)	>=25
Braid Shield	**Aluminium Wire**
Construction (mm)	16/4/0.16
Coverage Area (%)	>=60
Jacket	**PVC**
Nom. Thickness (mm)	0.75
Min. Thickness(mm)	0.64
Cable Dia.(±0.15mm)	6.90
Weight (kg/km)	43.4

Color

Jacket Color:

Color

Jacket Color: Black, White

Per Customer Request

Ref. spec No. : RG6-60% Rev.: 3

Packing Type

l, Pull-box, Reel in a box

Performance

Electrical Characteristics:

Frequency (MHz)	Attenuation (dB/100m)
5	2.66
55	5.25
211	10.1
250	11.02
270	11.48
300	12.14
350	13.15
400	14.11
450	15.03
500	15.88
550	16.7
600	17.52
750	19.69
870	21.33
1000	22.97
1250	25.00
1450	26.37
2200	31.16
2400	32.83
3000	37.88

Dielectric Strength (kV/min)	1.0
Impedence (±3.0ohms)	75.0
SRL (dB,5~2200MHz)	>=20
Capacitance (pF/m)	53.1
Conductor DCR@ 20^{o}C (ohms/km)	<=119
DC Loop Resistance@ 20^{o}C (ohms/km)	<=152
Velocity Of Propagation (%)	>=82

Mechanical Characteristics:

Test Object		**Jacket**
Test Material		PVC
Before Aging	Tensile Strength (Mpa)	>=1.034
	Elongation (%)	>=200
Aging Condition (^{o}C×hrs)		113.0±1.0 × 168
After Aging	Tensile Strength (Mpa)	>= 85% unaged
	Elongation (%)	>= 50% unaged
Cold Bend (-20±2^{o}C×4hrs)		No crack
Jacket impact test(-15^{o}C)		No crack
Jacket Longitudinal Shrinkage (%)		<=5
Center Conductor Break Strength (N)		>=641
Center Conductor Bond To dielectric (N)		>=2.3

30401 Black
30402 White

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