

TYPE M17/29 RG-59 B/U

ELECTRONICS

P/N 6330592101

DEFENSE

Applications

Indoor use, 75 Ω Video signals



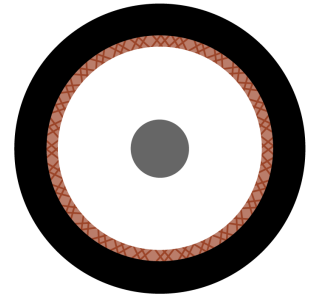
Outer Jacket Material
FR-PVC



Outer diameter
6.15 mm nom.



Weight
50 kg/km



General Construction

Coaxial cable of 75 Ohm, for frequency operating range up to 1 GHz

Design & Materials

Conductor Material	Copper-clad Steel
Inner Conductor Size (mm)	0.57
Inner Conductor Size (AWG)	23
Inner Conductor Construction	Solid
Insulation Material	PE
Insulation O.D. (mm nom)	3.71
Design	Coax
Overall Braid Material	Bare Copper
Braid Conductor Size (mm)	0.160
Braid Coverage (% nom)	86
Outer Jacket Color	Black
Other Jacket Colors Available	Yes
Marking	Per request

DEFENSE

Performance

Impedance (Ω)	75												
DC Resistance (Ω /km nom)	158												
Attenuation	<table> <tr> <th>Frequency MHz</th><th>Attenuation dB/100 m max.</th></tr> <tr> <td>1</td><td>2.0</td></tr> <tr> <td>10</td><td>4.7</td></tr> <tr> <td>100</td><td>12.0</td></tr> <tr> <td>400</td><td>29.5</td></tr> <tr> <td>1000</td><td>52.4</td></tr> </table>	Frequency MHz	Attenuation dB/100 m max.	1	2.0	10	4.7	100	12.0	400	29.5	1000	52.4
Frequency MHz	Attenuation dB/100 m max.												
1	2.0												
10	4.7												
100	12.0												
400	29.5												
1000	52.4												
Capacitance (pF/m)	72												
Velocity of Propagation (% nom)	66												
Dielectric Strength (V/minute)	7000												
Voltage Rating (V)	1700												
Min. Operating Temperature ($^{\circ}\text{C}$)	-40												
Max. Operating Temperature ($^{\circ}\text{C}$)	+80												
Installation	Guidelines as per IEC TR 62263												

Standards

Flammability Rating
IEC 60332-1
UL 1581 VW-1

Applicable Standards
RoHS 3 2015/863/EU



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