

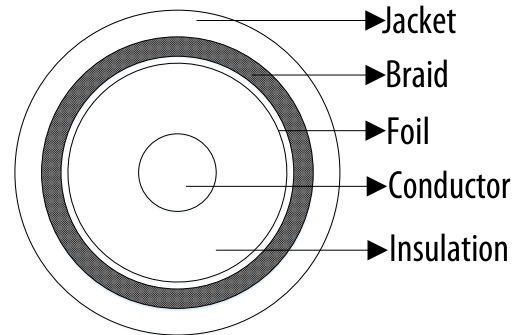
RG 6/U PVC 75 Ohm Coaxial Cable



PRODUCT DATA SHEET

RG 6/U Coaxial cable that is used for communication and signal control systems.

Design Number 10325
Part Number 32052447
Customer Number N/A



CONSTRUCTION

Conductor: Bare copper
Conductor Size: Solid, 1/1.02mm
Insulation Material: Foam PE, Neutral
Insulated Diameter: 4.60mm (Nom.)
Foil: Al-Pet-Al
Braid: Tinned copper, 24x8x0.12mm, coverage 95%
Jacket Material: PVC
Overall Diameter: 6.95mm
Jacket Color: Black

Print Legend:

RG6 Video Coax 18 AWG CMR (UL) 75C PVC 300V VRMS Meter marking

ELECTRICAL CHARACTERISTICS

Operating Voltage: 300V
Operating Temperature: 70°C
Conductor DC Resistance@20°C: Max 20.1 Ω/km
Conductor Outer Resistance@20°C: Max 9.2 Ω/km
Insulation DC Resistance @20°C: Min 500 MΩ.km

RoHS Compliance: European Directive 2015/863/EU

ELECTRICAL CHARACTERISTICS

Impedance: 75±3 Ohm
Capacitance: 53.2±5 pF/m
Velocity of Propagation: 82%
Return Loss: >23 dB/100m (5 ----1600MHz)
>21 dB/100m (1600MHz ----3000MHz)

Attenuation @20°C and Sea Level

Frequency (MHz)	Attenuation (dB/100m)
1	≤0.787
100	≤6.398
750	≤18.046
1000	≤21.064
1500	≤26.215
2000	≤30.743
3000	≤38.650

Application: Communication and signal control systems

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Revision History		
00	2020/12/15	Initial release
Created L. Jian	Approved A. Huang	

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