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Cable Specification

C07-R058C01P/BK – RG58 Type 50ohm Coaxial Cable PVC
Cable for use with low-power signal and RF connections.



Image is for reference only. ©KSM Ltd

Construction

Conductor

Material: Tinned Copper
Construction: 19/0.18mm

Dielectric

Material: Solid Polyethylene
Diameter: 2.95mm

Braid Screen

Material: Tinned Copper Clad Aluminium
Construction: 0.12mm x 16 x 6 (85%)

Sheath

Material: Polyvinyl Chloride
Diameter: 4.95mm

Electrical Characteristics at 20°C

Characteristic Impedance (Ω):	50 $\pm$ 3
Conductor DC Resistance (Ω /km):	$\leq$ 40.7
Capacitance (pF/m):	100
Velocity Ratio (%):	66
Attenuation (dB/100m):	
10MHz	4.50
200MHz	21.60
400MHz	30.50

Compliance

RoHS II Directive (2011/65/ EU & 2015/863)
REACH (1907/2006)

Part Options

C07-R058C01P/BK | RG58 Type Black PVC

LSF, LSZH, Duct Grade and Direct Burial
sheath options available on request.

Connectors, cable preparation tools and crimp
tools are also available.

Important:

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