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Cable Specification

C07-C100F05P/BK – CT-100 Type 5 Core Coaxial Cable PVC
Cable for use with digital, satellite, terrestrial and cable TV installations.

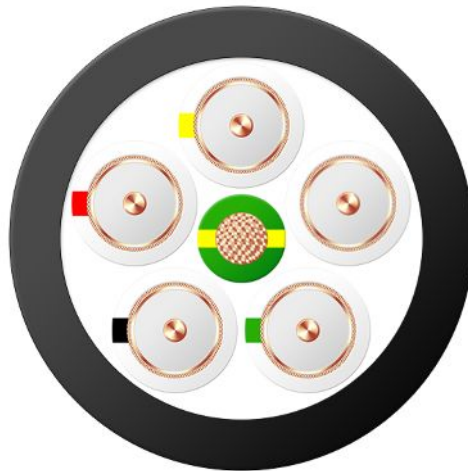


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Mechanical Characteristics

Rated Temperature (°C): | 80

Electrical Characteristics at 20°C

Coax

Characteristic Impedance (Ω):	75±3
Inner Conductor DC Resistance (Ω/km):	23.7
Outer Conductor DC Resistance (Ω/km):	15
Capacitance (pF/m):	58
Velocity Ratio (%):	80
Rated Voltage (V)	300
Attenuation (dB/100m):	5MHz 1.6
	50MHz 4.6
	100MHz 6.5
	200MHz 9.5
	460MHz 15.0
	860MHz 19.5
	1000MHz 21.5
	1750MHz 29.0
	2150MHz 32.5
Return Loss:	5-470MHz >23
	470-862MHz >20
	862-2150MHz >18
Screening Attenuation:	30-470MHz >75
	470-862MHz >75
	862-2150MHz >65

Compliance

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

Part Options

C07-C100F05P/BK | CT-100 Type 5 Core Black
PVC

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

Construction

Coax

Conductor

Material: Bare Copper
Construction: 1/1.00mm

Dielectric

Material: Foam Polyethylene
Diameter: 4.65mm

Foil Screen

Material: Bare Copper Foil Tape
Coverage: 100%

Braid Screen

Material: Bare Copper
Coverage: 55%

Sheath

Material: Polyvinyl Chloride
Diameter: 6.70mm
Colour: White, White/Black,
White/Green, White/Red &
White/Yellow

4.0mm² Earth Wire

Conductor

Material: Bare Copper
Construction: 56/0.30mm

Insulation

Material: Polyvinyl Chloride
Diameter: 4.65mm
Colour: Green/Yellow

Coax + Earth Wire

Sheath

Material: Polyvinyl Chloride
Diameter: 19.60mm

Important:
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