

Q11-174U

RG174U 50Ω Mil-C-17



CONSTRUCTION

Item	Material	Diameter (mm)
Inner Conductor	Copper	7/0.16
Dielectric	Solid PE	1.52
Shield	95% Tinned Copper Braid 16x5x0.1mm (Pitch 15.8mm)	2.00
Jacket	PVC (RoHS & Flame resistant) Thickness	2.80 0.35

ELECTRICAL CHARACTERISTICS

Capacitance (pF/m)	101.0
Impedance (Ω)	50.0 ± 2
Velocity of Propagation (%)	66.0
Conductor DCR (Ohm/km)	318.2
Outer Shield DCR (Ohm/km)	35.1
Max Operating Frequency (MHz)	1000.0
Max Operating Voltage (RMS)	1500.0
Corona Extinction voltage (VRMS)	1500.0
Voltage Withstand (VRMS)	2000.0
Spark Test (VRMS)	2000.0
Operating Temp Range (°C)	-40 to 85

ATTENUATION (20 °C)

Frequency(MHz)	Max Attenuation (dB/100m)
10	10.8
50	20.0
100	21.0
200	42.5
400	55.6
600	68.8
860	86.1
1000	96.2

Printing on cable jacket: Q11-174U EMELEC ViasCom RG174 U MIL-C-17

Color of printing: White Color

Packing: 100M/Cardboard Spool, Spool Size: 170x75x70mm

Weight of cable:12.5KG/KM