

P: 2/3

Item No: 01

Required Item:

RG-58 Coaxial Cable with following properties: Qty: Req: (200 Reels)

Property	Specifications
Reel Length	500 meter
Inner Conductor Material	Stranded (19 x 0.18) Tinned Copper
Insulation Material/Dielectric	PE
Outer Conductor Material	Braided Tinned Copper with 95% \pm 3% coverage
Sheath Material	PVC overall according to MIL-C-17
Outer Diameter	4.95 mm
Temperature Range Storage/Operation	-10 °C to + 60 °C
Capacitance	100 pF/meter
Characteristic Impedance	50 \pm 2 Ω
Max DC Loop Resistance	52.0 m Ω /meter
Velocity Ratio	66%
Minimum Bending Radius	10 x Φ Cable
Manufacturer	Thomson (France) / 2MKablo (Turkey) / AS Cable (Spain) / Belden (UK)
Nominal Attenuation	15.1 dB/100 m @ 100 MHz, 30.7 dB/100 m @ 400 MHz, 44.1 dB/100 m @ 800 MHz, 49.6 dB/100 m @ 1000 MHz

Item No: 02

Required Item:

RG-174 Coaxial Cable with following properties: Qty: Req: (200 Reels)

Property	Specifications
Reel Length	500 meter
Inner Conductor Material	Stranded (7 x 0.16) Plain Copper Clad Steel
Insulation Material/Dielectric	PE
Outer Conductor Material	Braided Tinned Copper with 93% \pm 2% coverage
Sheath Material	PVC overall according to MIL-C-17
Outer Diameter	2.79 mm
Temperature Range Storage/Operation	-10 °C to + 60 °C
Capacitance	100 pF/meter
Characteristic Impedance	50 \pm 2 Ω
Max DC Loop Resistance	52.0 m Ω /meter
Manufacturer	Thomson (France) / 2MKablo (Turkey) / AS Cable (Spain) / Belden (UK)
Nominal Attenuation	3.1 dB/10 m @ 100 MHz, 4.2 dB/10 m @ 200 MHz, 5.75 dB/10 m @ 400 MHz,

Item No: 03

Required Item:

RG-178 Coaxial Cable with following properties:

Qty Req. (10 Reels)

Property	Specifications
Reel Length	500 meter
Inner Conductor Material	Stranded (7 x 0.1) Silver Plated Copper Clad Steel
Insulation Material/Dielectric	PE
Outer Conductor Material	Silver Plated Copper with 93% \pm 2% coverage
Sheath Material	PVC overall according to MIL-C-17
Outer Diameter	1.8 mm
Temperature Range Storage/Operation	-10 °C to + 60 °C
Capacitance	100 pF/meter
Characteristic Impedance	50 \pm 2 Ω
Max DC Loop Resistance	52.0 m Ω /meter
Manufacturer	Thomson (France) / 2MKablo (Turkey) / AS Cable (Spain) / Belden (UK)
Nominal Attenuation	1.8 dB/10 m @ 10 MHz, 5.7 dB/10 m @ 100 MHz, 14.0 dB/10 m @ 1000 MHz,