



CT Television Relay Coax

Applications:	TV & CCTV systems
Conductor:	Stranded annealed copper
Insulation:	Cellular polyethylene
Tape:	Copper
Braid:	Plain copper wire braid
Sheath:	PVC, black Also available LSZH and RBS sheath

CT75 Cable

BATT Part No:	49104
Inner conductor:	1/0.75mm bare copper
Insulation:	3.40 +/- 0.10mm 5 cell air spaced PE
Foil:	Overlapped copper foil
Braid:	16/6/0.12mm bare copper wire (coverage 60%)
Sheath:	PVC
Colour:	Black
Characteristics	
Impedance:	75 +/- 3Ohm
Capacitance:	52 +/- 3 pF/M
Attenuation at 20°C:	
50 MHz:	5.60 dB/100m
100 MHz:	8.0 dB/100m
200 MHz:	11.40 dB/100m
600 MHz:	20.30 dB/100m
1000 MHz:	26.60 dB/100m

CT100 Cable

BATT Part No:	Black: 49033 White: 49155
Inner conductor:	1/1.00mm bare copper
Insulation:	4.6mm 5 cell air spaced PE
Foil:	Overlapped copper foil
Braid:	16/4/0.12mm bare copper wire (coverage 55%)
Sheath:	PVC 6.65 +/- 0.15mm
Colour:	Black and White
Characteristics	
Impedance:	75 +/- 3Ohm
Capacitance:	55 +/- 3 pF/M
Attenuation at 20°C:	
5MHz:	1.7 dB/100m
50 MHz:	5.60 dB/100m
100 MHz:	8.00 dB/100m
200 MHz:	11.4 dB/100m
400 MHz:	17.6 dB/100m
600 MHz:	20.3 dB/100m
860 MHz:	24.6 dB/100m
1000 MHz:	26.6 dB/100m





CT100 Dual 2-Way

BATT Part No:	49214
Inner conductor:	1 +/- 0.2mm bare copper
Insulation:	4.6 +/- 0.15mm 5 cell air spaced PE
Foil:	Overlapped copper foil
Braid:	16/4/0.12mm bare copper wire (coverage 55%)
Sheath:	LSZH 6.60 +/- 0.15mm x 13.70 +/-0.2mm
Colour:	Black and White
Characteristics	
Impedance:	75 +/- 30hm
Velocity:	83 +/-20hm
Capacitance:	52 pF/M
Attenuation at 20°C:	
5MHz:	1.68 dB/100m
50 MHz:	5.47 dB/100m
100 MHz:	7.43 dB/100m
200 MHz:	11.20 dB/100m
860 MHz:	24.30 dB/100m
1000 MHz:	25.50 dB/100m

CT100 LSZH Cable

BATT Part No:	49167
Inner conductor:	1/1.00mm bare copper
Insulation:	4.6mm 5 cell air spaced PE
Foil:	Overlapped copper foil
Braid:	16/4/0.12mm bare copper wire (coverage 55%)
Sheath:	LSZH 6.80 +/- 0.15mm
Colour:	Black
Characteristics	
Impedance:	75 +/- 30hm
Capacitance:	55 +/- 3 pF/M
Attenuation at 20°C:	
5MHz:	1.0 dB/100m
10MHz:	1.50 dB/100m
50 MHz:	3.80 dB/100m
100 MHz:	5.70 dB/100m
200 MHz:	8.70 dB/100m
300 MHz:	9.80 dB/100m
470 MHz:	12.80 dB/100m
600 MHz:	14.0 dB/100m
1000 MHz:	19.0 dB/100m



CTF 100 RG6 LSZH

BATT Part No:	49203
Inner conductor:	1/1.00mm bare copper
Insulation:	4.6mm physical foamed PE
Foil:	Overlapped copper foil
Braid:	16/4/0.12mm bare copper wire (coverage 45%)
Sheath:	LSZH 6.80 +/- 0.15mm
Colour:	Black
Characteristics	
Impedance:	75 +/- 3Ohm
Capacitance:	55 +/- 3 pF/M
Attenuation at 20°C:	
5MHz:	1.6 dB/100m
50 MHz:	4.60 dB/100m
100 MHz:	6.50 dB/100m
200 MHz:	9.5 dB/100m
460 MHz:	15.0 dB/100m
860 MHz:	19.5 dB/100m
1000 MHz:	21.5 dB/100m
1750 MHz:	29.0 dB/100m
2150 MHz:	32.50 dB/100m
Standards:	IEC 60754 halogen free, non corrosive IEC 61034 low smoke emission IEC 60332-3 fire retardant



CTF100 LSZH/SWB/LSZH

BATT Part No:	49050
Application:	For communication and signal control systems
Conductor:	Bare Copper
Stranded diameter:	1.00 (± 0.02 mm)
Insulation layer:	5 Cell PE
Thickness:	1.80mm
Diameter:	4.60 (± 0.15 mm)
Insulation colour:	Natural
Cu Foil shield	>115% over lapping
Thickness:	μ 40
Braiding:	Bare copper
Braid coverage:	>50%
Inner jacket:	LSZH
Thickness:	0.8mm
Diameter:	6.90 (± 0.20 mm)
Colour:	Black
Armouring:	Steel wire braid
Diameter:	7.90 (± 0.20 mm)
Jacket:	LSZH
Thickness:	1.4mm
Diameter:	10.60 (± 0.20 mm)
Outer jacket colour:	Black
Max conductor DC resistance at 20°C:	<24.1 (Ω /km)
Max insulation DC resistance at 20°C:	>500 ($M\Omega \cdot km$)
Rated temperature:	80°C
Rated voltage:	30V
Capacitance:	52.5 +/- 3pF/m
Velocity:	80% (+/- 0.03)
Impedance:	75 +/- 3 Ω
Attenuation at 20°C:	
5MHz:	1.60 dB/100m
50MHz:	4.60 dB/100m
100 MHz:	6.50 dB/100m
200 MHz:	9.50 dB/100m
460 MHz:	15.00 dB/100m
860 MHz:	19.50 dB/100m
1000 MHz:	21.50 dB/100m
1750 MHz:	29.00 dB/100m
2150 MHz:	32.50 dB/100m
Return loss:	5MHz – 30MHz: >23 30 MHz – 470 MHz: >23 470MHz – 862MHz: >20 862 MHz – 2150 MHz: >18



CT 125 Cable

BATT Part No:	49001
Inner conductor:	1/1.25mm bare copper
Insulation:	5.50 mm +/- 10mm 5 cell air spaced PE
Foil:	Overlapped copper foil
Braid:	16/6/0.12mm bare copper wire (coverage 60%)
Sheath:	PVC 7.80 +/- 0.20mm
Colour:	Black
Characteristics	
Impedance:	75 +/- 30hm
Capacitance:	52 +/- 3 pF/M
Attenuation at 20°C:	
5 MHz:	0.80 dB/100m
10 MHz:	1.20 dB/100m
50 MHz:	3.20 dB/100m
100 MHz:	5.40 dB/100m
200 MHz:	6.50 dB/100m
300 MHz:	8.50 dB/100m
470 MHz:	11.0 dB/100m
600 MHz:	13.5 dB/100m
1000 MHz:	16.4 dB/100m

CT125 LSZH Cable

BATT Part No:	49172
Inner conductor:	1/1.25mm bare copper
Insulation:	5.50 mm +/- 10mm 5 cell air spaced PE
Foil:	Overlapped copper foil
Braid:	16/6/0.12mm bare copper wire (coverage 60%)
Sheath:	LSZH 7.80 +/- 0.20mm
Colour:	Black
Characteristics	
Impedance:	75 +/- 30hm
Capacitance:	52 +/- 3 pF/M
Attenuation at 20°C:	
5 MHz:	0.80 dB/100m
10 MHz:	1.20 dB/100m
50 MHz:	3.20 dB/100m
100 MHz:	5.40 dB/100m
200 MHz:	6.50 dB/100m
300 MHz:	8.50 dB/100m
470 MHz:	11.0 dB/100m
600 MHz:	13.5 dB/100m
1000 MHz:	16.4 dB/100m



CT125 RBS Cable

BATT Part No:	49030
Inner conductor:	1/1.25mm bare copper
Insulation:	5.50 mm +/- 10mm 5 cell air spaced PE
Foil:	Overlapped copper foil
Braid:	16/6/0.12mm bare copper wire (coverage 60%)
Bedding:	PVC
Sheath:	LDPE
Colour:	Black
Characteristics	
Impedance:	75 +/- 30hm
Capacitance:	52 +/- 3 pF/M
Attenuation at 20°C:	
50 MHz:	3.40 dB/100m
100 MHz:	4.90 dB/100m
200 MHz:	7.10 dB/100m
600 MHz:	12.70 dB/100m
1000 MHz:	16.70 dB/100m

CT167 Cable

BATT Part No:	49173
Inner conductor:	1/1.5mm bare copper
Insulation:	5.50 mm +/- 10mm 5 cell air spaced PE
Foil:	Overlapped copper foil
Braid:	16/6/0.12mm bare copper wire (coverage 60%)
Sheath:	PVC 7.80 +/- 0.20mm
Colour:	Black
Characteristics	
Impedance:	75 +/- 30hm
Capacitance:	52 +/- 3 pF/M
Attenuation at 20°C:	
5 MHz:	0.90 dB/100m
10 MHz:	1.10 dB/100m
50 MHz:	2.50 dB/100m
100 MHz:	3.60 dB/100m
200 MHz:	5.10 dB/100m
300 MHz:	7.10 dB/100m
470 MHz:	8.20 dB/100m
600 MHz:	9.50 dB/100m
1000 MHz:	12.60 dB/100m



CT167 LSZH Cable

BATT Part No:	49110
Inner conductor:	1/1.67mm bare copper
Insulation:	7.28 mm +/- 10mm 5 cell air spaced PE
Foil:	Overlapped copper foil
Braid:	16/6/0.12mm bare copper wire (coverage 55%)
Sheath:	LSZH 10.10 +/- 0.20mm
Colour:	Black
Characteristics	
Impedance:	75 +/- 3Ohm
Capacitance:	52 +/- 3 pF/M
Attenuation at 20°C:	
5 MHz:	0.90 dB/100m
10 MHz:	1.10 dB/100m
50 MHz:	2.50 dB/100m
100 MHz:	3.60 dB/100m
200 MHz:	5.10 dB/100m
300 MHz:	7.10 dB/100m
470 MHz:	8.20 dB/100m
600 MHz:	9.50 dB/100m
1000 MHz:	12.60 dB/100m

CT167 RBS Cable

BATT Part No:	49161
Inner conductor:	1/1.67mm bare copper
Insulation:	7.28 mm +/- 10mm 5 cell air spaced PE
Foil:	Overlapped copper foil
Braid:	16/6/0.12mm bare copper wire (coverage 55%)
Sheath:	RBS
Colour:	Green
Characteristics	
Impedance:	75 +/- 3Ohm
Capacitance:	52 +/- 3 pF/M
Attenuation at 20°C:	
5 MHz:	0.90 dB/100m
10 MHz:	1.10 dB/100m
50 MHz:	2.50 dB/100m
100 MHz:	3.60 dB/100m
200 MHz:	5.10 dB/100m
300 MHz:	7.10 dB/100m
470 MHz:	8.20 dB/100m
600 MHz:	9.50 dB/100m
1000 MHz:	12.60 dB/100m



CT 167 PE Cable

BATT Part No:	49173
Inner conductor:	1/1.67mm bare copper
Insulation:	7.28 mm +/- 10mm 5 cell air spaced PE
Foil:	Overlapped copper foil
Braid:	16/6/0.12mm bare copper wire (coverage 55%)
Sheath:	PE 10.10 +/- 0.20mm
Colour:	Black
Characteristics	
Impedance:	75 +/- 30hm
Capacitance:	52 +/- 3 pF/M
Attenuation at 20°C:	
5 MHz:	0.90 dB/100m
10 MHz:	1.10 dB/100m
50 MHz:	2.50 dB/100m
100 MHz:	3.60 dB/100m
200 MHz:	5.10 dB/100m
300 MHz:	7.10 dB/100m
470 MHz:	8.20 dB/100m
600 MHz:	9.50 dB/100m
1000 MHz:	12.60 dB/100m

CT233 LSZH

BATT Part No:	49085
Inner conductor:	1 / 2.33m plain annealed copper
Insulation:	10.06 mm +/- 0.20mm 5 cell air spaced PE
Foil:	Overlapped longitudinally copper foil
Braid:	16/6/0.15mm bare copper wire (coverage 55%)
Sheath:	LSZH 13.00 +/- 0.20mm
Colour:	Black
Characteristics	
Impedance:	75 +/- 30hm
Capacitance:	52 +/- 3 pF/M
Attenuation at 20°C:	
5 MHz:	0.60 dB/100m
50 MHz:	1.90 dB/100m
100 MHz:	2.70 dB/100m
200 MHz:	4.00 dB/100m
450 MHz:	6.30 dB/100m
600 MHz:	7.50 dB/100m
860 MHz:	9.00 dB/100m
1000 MHz:	10.10 dB/100m