

TFL 103 1 S1Z1Z1-K

Product information



Application

Flexible, halogen free cable for connection of back-up batteries, central office power distribution or grounding.

Conductor

Stranded, flexible, annealed bare copper, according to IEC 60228 class 5.

Insulation

Flame retardant TPE, black

Jacket

Flame retardant TPE, grey

Approvals

UL-listed, "Cable Tray Use"

Operating voltage

0,6 / 1kV

Operating temperature

Max 90 °C

Fire resistance

IEC 60332-3 cat C

UL 1685, Vertical Tray Flame Test

Technical data

Part no.	Conductors x size	Diameter, nom. (mm)			Weight/100m (kg)	Resistance (ohm/km)
		Conductor	Insulation	Jacket		
TFL 103 104/08	1 x 25mm ² (4 AWG)	7,2	10,0	12,8	35	0,780
TFL 103 105/08	1 x 35mm ² (2 AWG)	7,8	10,6	13,4	45	0,554
TFL 103 106/08	1 x 50mm ² (1 AWG)	9,5	12,3	15,1	60	0,386
PLU030456 TFL 103 107/08	1 x 70mm ² (2/0 AWG)	11,0	13,8	16,7	77	0,272
TFL 103 108/08	1 x 95mm ² (3/0 AWG)	12,5	15,7	18,9	102	0,206
TFL 103 110/08	1 x 150mm ² (250 kcmil)	16,5	20,1	23,3	155	0,129
TFL 103 113/08	1 x 300mm ² (500 kcmil)	23,0	27,9	31,8	313	0,0641

Ordering Information

Part no.	Conductors x size	Length (m)	Drum	Total weight (kg)
TFL 103 104/08	1 x 25mm ² (4 AWG)	500	K7	200
TFL 103 105/08	1 x 35mm ² (2 AWG)	500	K7	250
TFL 103 106/08	1 x 50mm ² (1 AWG)	500	K8	324
TFL 103 107/08	1 x 70mm ² (2/0 AWG)	500	K8	413
TFL 103 108/08	1 x 95mm ² (3/0 AWG)	500	K10	593
TFL 103 110/08	1 x 150mm ² (250 kcmil)	240	K8	402
TFL 103 113/08	1 x 300mm ² (500 kcmil)	250	K14	898