

410Series Multi-Conductor 24awg 600 Volts LSZH

Cable Construction

Conductor:	Stranded Tinned Copper Wire
AWG:	24
No. of Cores:	see table below
Insulation:	LSZH FireFighter™
Colour Code:	3-10 core Chart 1, 12 core Chart 13 15-25core Chart 2
Shield:	Overall Aluminium/polyester tape
Drain wire:	Stranded Tinned Copper Wire
Outer Jacket:	LSZH FireFighter™, SHF-1

Technical Characteristics

Temperature Range:	-20°C to +90°C
Voltage Rating:	600 volts
Fire Performance:	IEC60332-1, IEC60332-3, IEC61034, IEC60754-1, IEC60092.

Cross section

LSZH FireFighter™ Outer Jacket
Shield
LSZH FireFighter™ Insulation
Stranded TC Conductor
TC Drain Wire

Electrical Characteristics

Nom. Capacitance (cond./cond.) :	see table below
Nom. Capacitance (con./con./shield) :	see table below
Nom. Conductor DC Resistance:	82.5 Ω/km
Nom. Shield DC Resistance:	59.4 Ω/km

Part Number	Formation (No. of cores)	Nom. Ø (mm)	Weight (kg/km)	Nom. Capacitance (cond./ cond.)	Nom. Capacitance (C./C./S.)
9534NHEQ	4 x 24 awg	4.67	27	108 pF/m	213 pF/m
9536NHEQ	6 x 24 awg	5.31	36	108 pF/m	213 pF/m
9538NHEQ	8 x 24 awg	5.69	51	108 pF/m	213 pF/m
9540NHEQ	10 x 24 awg	6.19	60	98 pF/m	180 pF/m
9542NHEQ	12 x 24 awg	6.90	65	98 pF/m	180 pF/m



The cable images represented on this specification are indicative only and may be subject to change at CCS's discretion. All values represented in this specification should be used as a guide only and exact details can be confirmed at point of enquiry.