



Single Core Flex LSZH 125°C MachFlex ONE

Wiring of Switchboards, Control,
Instrumentation, Communication Systems,
General Electrical Equipment Wiring

PANEL FLEX CABLE



BELDEN

CLASS 5 TC LSZH(XLP) MACHFLEX ONE



APPLICATIONS	
Wiring of Switchboards, Control, Instrumentation, Communication Systems, General Electrical Equipment Wiring	

Cable Description	Class 5 TC LSZH(XLP) MachFlex ONE
Cable References Standards	AS/NZS 5000.1

CONDUCTOR	
Conductor Material	Stranded Tinned copper
Conductor Stranding Standard	IEC60228-Class 5, UL 1581

INSULATION	
No. of Cores	1 Cores
Insulation Material	XHF-125 (XLP)
Insulation Colours	Red, White, Blue, Black, Grey, Brown, Orange, Pink, Violet, Green/Yellow, Green*, Yellow*, LightBlue*, Orange/Red*, Black/White*

*Select sizes only, please enquire. Other colours available on request.

PHYSICAL/MECHANICAL PROPERTIES	
Temperature Rating (°C)	-20°C ~ + 125°C
Flame / Fire Retardancy	IEC 60332-1
Min. Bending Radius	12 X OD

ELECTRICAL PROPERTIES	
Voltage Rating (V)	0.6/1kV

PRODUCT CODE	CONDUCTOR SIZE (MM²)	INSULATION THICKNESS	NOMINAL OVERALL DIAMETER (MM)	MIN BENDING RADIUS (MM)	CONDUCTOR RESISTANCE @ 20°C (Ω/KM)	WEIGHT (KG/100M)
SH00050	0.5	0.7	2.5	30.0	46.9	1.1
SH00075	0.75	0.7	2.8	33.6	26.0	1.4
SH00100	1.0	0.7	2.9	34.8	19.5	1.6
SH00150	1.5	0.7	3.2	38.4	13.3	2.1
SH00250	2.5	0.7	3.8	45.6	7.98	3.3
SH00400	4.0	0.7	4.2	50.4	4.95	4.5
SH00600	6.0	0.7	4.7	56.4	3.3	6.2

INSULATION COLOUR CODES:

BE = Blue, BK = Black, BN = Brown, EA = Green/Yellow, GY = Grey, OE = Orange, PK = Pink, RD = Red, VT = Violet, WE = White, LB = Light Blue, OR = Orange/Red, BW = Black/White