



These flexible general wiring cables are particularly suitable for use in public buildings or computer installations. They can also be referred to by harmonised code H05Z1Z1-F.

LSZH ensures increased safety in the case of fire due to the virtual elimination of toxic fumes if burnt.

Construction

- fine stranded plain copper conductors
- halogen free core insulation
- cores twisted together
- black or white low smoke zero halogen (LSZH) outer sheath

Technical

conductor stranding:	according to class 5 (VDE 0295 / IEC 60228 / BS EN 60228:2005)
bend radius:	6 x overall diameter (O/D) fixed
voltage rating:	300/500V operating
current rating:	0.75mm ² = 6 amps, 1.0mm ² = 10 amps, 1.5mm ² = 15 amps
temperature range:	-5°C to +70°C flexible, -20°C to +70°C static
standards:	construction generally to BS6500 & VDE0250
	smoke emission according to EN 50268, IEC 61034-2
	flame retardant according to EN 50265, IEC 60332-1
	halogen acid gas emission according to EN 50267-2, IEC 60754-1+2
core identification:	2 core = coloured brown & blue
	3 core = coloured brown, blue & green/yellow

3182B (2 Core)			3183B (3 Core)		
Conductor Area (mm ²)	Number of Cores	Conductor Area (mm ²)	Conductor Area (mm ²)	Overall Diameter (mm)	Overall Weight (kg/km)
0.75	5.8	55	0.75	6.7	67
1.0	6.6	64	1.0	7.0	77
1.5	7.6	84	1.5	8.2	106

LSZH Properties: fairly tough & flexible material resistant to a wide range of oils & chemicals. Guarantees max. 0.5% HCL emissions if burnt. Also known as LSOH & LSHF (low smoke zero halogen/halogen free).

All measurements provided should be considered nominal and images for illustration purposes only. Although Central Cables Ltd has made every reasonable effort to ensure its accuracy, the information contained herein is subject to error or omission and to change without notice. In no event will Central Cables Ltd be liable for any damages whatsoever, arising in connection with the information described.