

LIHCH Cable

0.14mm² to 1.5mm²

LSZH-HFFR Sheath

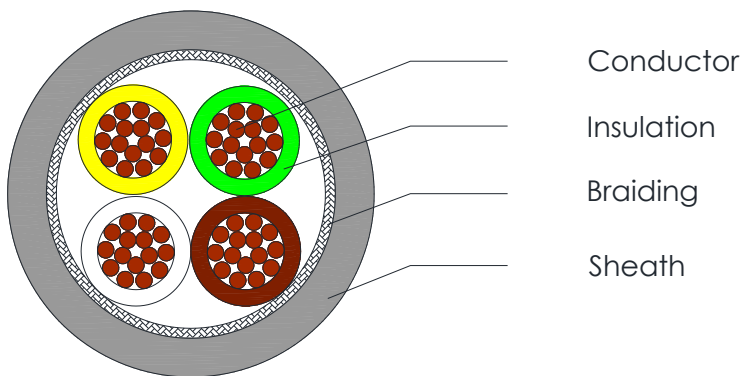


C5672 TO C5719

Applications

Can be used multifunctional in electronics of computer systems, electronic control equipment, office machines, balances, etc. Dry or damp rooms

Cross Section Drawing



Design

Unit	Properties
Conductor	Stranded bare copper wire
Insulation	LSZH-HFFR Insulation color according to DIN47100
Cabling	Cores cabled together
Braiding	Tinned copper wire
Outer Sheath Material	LSZH-HFFR Standard Colour: Grey
Standard Put Up Length	305m

*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

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Electrical Characteristics at 20°C

Mutual Capacitance core to core (nF/km)	Mutual Capacitance core to rest (nF/km)	Inductivity (mH/km)	Min. Bending Radius		Temperature range (°C)	
			For Flexible use	Fixed Installation	Fixed Installation	Occasional flexing
120	160	0.65	15*OD	6*OD	-40 to +80	-5 to +70

Constructional Information

0.14mm²

P/N	Cross Sectional Area (mm ²)	Overall Diameter (mm)	Copper Index (kg/km)	Nom. Weight (kg/km)
C5672	2×0.14	3.90	12.0	20
C5673	3×0.14	4.10	13.0	28
C5674	4×0.14	4.30	14.3	33
C5675	6×0.14	4.90	18.2	38
C5676	8×0.14	5.80	21.2	56
C5677	10×0.14	6.10	28.5	66
C5678	12×0.14	6.30	30.4	78
C5679	16×0.14	7.00	43.0	90
C5680	20×0.14	7.70	53.9	100
C5681	25×0.14	8.50	63.0	120

0.25mm²

P/N	Cross Sectional Area (mm ²)	Overall Diameter (mm)	Copper Index (kg/km)	Nom. Weight (kg/km)
C5682	2×0.25	4.5	16	32
C5683	3×0.25	4.7	21	37
C5684	4×0.25	5.0	24	41.3
C5685	6×0.25	6.0	30	58
C5686	8×0.25	7.1	42	73
C5687	10×0.25	7.5	46	82
C5688	12×0.25	7.7	53	98
C5689	16×0.25	8.4	61	111
C5690	25×0.25	10.7	114	172

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0.50mm²

P/N	Cross Sectional Area (mm ²)	Overall Diameter (mm)	Copper Index (kg/km)	Nom. Weight (kg/km)
C5691	2×0.50	5.6	29	47
C5692	3×0.50	5.9	38	55
C5693	4×0.50	6.3	43	70
C5694	6×0.50	7.6	59	104
C5695	8×0.50	8.7	70	120
C5696	12×0.50	9.6	99	177
C5697	20×0.50	12.1	149	276

0.75mm²

P/N	Cross Sectional Area (mm ²)	Overall Diameter (mm)	Copper Index (kg/km)	Nom. Weight (kg/km)
C5698	2×0.75	6.0	38	53
C5699	3×0.75	6.3	49	65
C5700	4×0.75	7.0	58	79
C5701	5×0.75	7.6	67	109
C5702	10×0.75	10.5	130	187
C5703	12×0.75	10.8	154	218
C5704	18×0.75	13.0	195	327

1.00mm²

P/N	Cross Sectional Area (mm ²)	Overall Diameter (mm)	Copper Index (kg/km)	Nom. Weight (kg/km)
C5705	2×1.00	6.3	43	72
C5706	3×1.00	6.8	56	90
C5707	4×1.00	7.3	68	109
C5708	5×1.00	8.0	79	126
C5709	8×1.00	9.5	126	200
C5710	10×1.00	11.1	140	228
C5711	12×1.00	11.4	168	259
C5712	18×1.00	13.4	252	389

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1.50mm²

P/N	Cross Sectional Area (mm ²)	Overall Diameter (mm)	Copper Index (kg/km)	Nom. Weight (kg/km)
C5713	2×1.50	7.1	58	90
C5714	3×1.50	7.5	74	115
C5715	4×1.50	8.1	108	129
C5716	7×1.50	9.5	164	220
C5717	12×1.50	12.7	254	376
C5718	16×1.50	14.4	339	501
C5719	47×1.50	25.2	995	1472

Reference Standards

IEC 60228	DIN 47100
EN 50290-2	IEC60754-1&-2
IEC 61034	IEC 60332-3-24
RoHS directives	