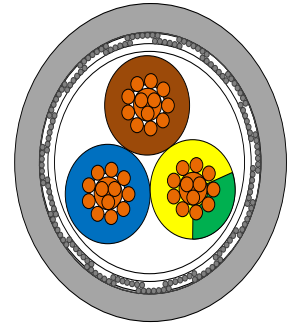


**HFFR INSULATED, SCREENED AND HFFR SHEATHED
 FLEXIBLE CONTROL CABLES
 ERFLEX 130-CH / HSLCH (Cca)
 300/500 V**

APPLICATION

- In Covered Places Where People are Densely Found;
- Instrumentation and Control Engineering
- Energy Stations
- In Machine Production As Measurement and Control Cable
- Production and Assembly Lines
- In Medium Mechanical Stresses with Free Movement
- In Places Where Human Life and Valuable Materials and Equipment Need to Be Protected



Good EMC Characteristics/ Flame Retardant Characteristic/ Flexible Cable Design/ Small Bending Radius Without Poisonous and Corrosive Gasses/ Low Smoke Emission

TECHNICAL CHARACTERISTICS

- | | |
|---|--|
| 1 - Conductor | : IEC 60228/ DIN EN 60228/ EN 60228 Class 5 Stranded Electrolytic Plain Copper |
| 2 - Insulation | : HFFR Compound |
| 3 - Insulation Colour | : Acc. To 'NOTES' Below |
| 4 - Stranding | : In Layers Of Optimum Pitch |
| 5 - Wrapping | : PES Tape |
| 6 - Screen | : Tinned Copper Wire Braiding (63% Coverage) |
| 7 - Outer Sheath | : HFFR Compound |
| 8 - Outer Sheath Colour | : RAL 7001 Grey |
| 9 - Min.Bending Radius | : Occasionaly Flexing : 20xD
Fixed Installation : 6xD |
| 10 - Operating Voltage | : 300/500 V |
| 11 - Test Voltage | : 2000 V |
| 12 - Temperature Range | : Occasionaly Flexing : -5°C ~+70°C
Fixed Installation : -40°C ~+80°C |
| 13 - Flame Retardant Test | : IEC 60332-1-2, DIN EN 60332-1-2, BS EN 60332-1-2, EN 60332-1-2 |
| 14 - Flame Propagation Test | : IEC 60332-3-24, DIN EN 60332-3-24, BS EN 60332-3-24, EN 60332-3-24 |
| 15 - Smoke Density Test | : IEC 61034-2, VDE 0482-1034-2, EN 61034-2 |
| 16 - Corrosive Gas Test | : IEC 60754-2, VDE 0482-754-1-2, EN 60754-2 |
| 17 - Halogen Free Test | : IEC 60754-1, VDE 0482-754-2, EN 60754-2 |
| 18 - Reaction To Fire Performance Class | : Cca s1b,d1,a1 |
| 19 - Cable Marking | : ERSE KABLO ERFLEX 130-CH/HSLCH-JB 3X0,75 mm ² CLASS Cca 300/500V @UE/@OK CC
RoHS CCCC mt CCCC mt |

NOTES

With their flexible design they can easily be used in narrow spaces. These cables are not suitable for outdoor use. When used for outdoor installations, adequate protection against direct exposure to sunlight must be ensured and the specified temperature limits must be observed.

OZ : Without green/yellow earthing core + Black insulated cores with consecutive number coding

JZ : With green/yellow earthing core + Black insulated cores with consecutive number coding

OB : Without green/yellow earthing core + Coloured cores (HD 308 S2)

JB : With green/yellow earthing core + Coloured cores (HD 308 S2)

Cross Section (mm²)	Approx. Overall Diameter (mm)	Conductor Resistance (Ω/km)	Current Load (A)	Approx. Weight (kg/km)	Packing	Product Code	SAP Code
2x0,75 (OB)	5,7	26,0	13	47	D500	33047502303	CFK562
3x0,75 (JB)	6,0			56	D500	33047503303	CFK563
4x0,75 (JB)	6,7			72	D500	33047504305	CFK588
5x0,75 (JB)	7,2			87	D500	33047505303	CFK595
7x0,75 (JB)	7,8			108	D500	33047507304	CFK574
2x1 (OB)	6,1	19,5	16	55	D500	33040102302	CFK560
3x1 (JB)	6,7			71	D500	33040103303	CFK586
4x1 (JB)	7,2			86	D500	33040104303	CFK587
5x1 (JB)	7,8			108	D500	33040105302	CFK566
7x1 (JB)	8,6			136	D500	33040107302	CFK575
2x1,5 (OB)	6,7	13,3	20	69	D500	33041502301	CFK561
3x1,5 (JB)	7,0			84	D500	33041503301	CFK584
4x1,5 (JB)	7,6			104	D500	33041504306	CFK590
5x1,5 (JB)	8,5			130	D500	33041505303	CFK567
7x1,5 (JB)	9,2			167	D500	33041507304	CFK573
2x2,5 (OB)	8,3	7,98	25	105	D500	33042502302	CFK564
3x2,5 (JB)	8,8			132	D500	33042503303	CFK585
4x2,5 (JB)	9,5			164	D500	33042504301	CFK591
5x2,5 (JB)	10,6			203	D500	33042505303	CFK565
7x2,5 (JB)	11,7			271	D500	33042507302	CFK577
4x4 (JB)	10,7	4,95	34	224	D500	33044004303	CFK589
5x4 (JB)	11,9			280	D500	33044005302	CFK570
4x6 (JB)	12,8	3,30	44	325	D500	33046004302	CFK594
5x6 (JB)	14,2			406	D500	33046005301	CFK568
4x10 (JB)	16,8	1,91	61	559	D500	33041004301	CFK592
5x10 (JB)	18,6			690	D500	33041005301	CFK569
4x16 (JB)	19,0	1,21	82	785	D500	33041604302	CFK593
5x16 (JB)	21,6			1020	D500	33041605301	CFK572
4x25 (JB)	22,9	0,780	108	1204	D500	33042604301	CFK596
5x25 (JB)	25,8			1540	D500	33042605301	CFK571

