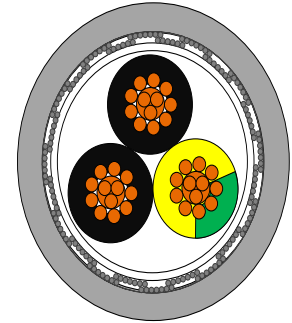


**HFFR INSULATED, SCREENED AND HFFR SHEATHED
FLEXIBLE CONTROL CABLES
ERFLEX 130-CH / HSLCH (Cca)
300/500 V**

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-JZ 4X1 mm ² CLASS Cca 300/500V @UE/@OK CE
RoHS CCCCC mt CCCCC 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 (OZ)	5,7	26,0	13	47	D500	33047502302	CFK540
3x0,75 (JZ)	6,0			56	D500	330475034	CFK545
4x0,75 (JZ)	6,7			72	D500	33047504302	CFK547
5x0,75 (JZ)	7,2			87	D500	33047505301	CFK521
7x0,75 (JZ)	7,8			108	D500	33047507303	CFK528
12x0,75 (JZ)	10,1			180	D500	33047512302	CFK534
18x0,75 (JZ)	12,2			256	D500	33047518302	CFK536
25x0,75 (JZ)	14,8			355	D500	33047525302	CFK558
2x1 (OZ)	6,1	19,5	16	55	D500	33040102301	CFK542
3x1 (JZ)	6,7			71	D500	33040103301	CFK543
4x1 (JZ)	7,2			86	D500	33040102301	CFK550
5x1 (JZ)	7,8			108	D500	33040105301	CFK520
7x1 (JZ)	8,6			136	D500	33040107301	CFK531
12x1 (JZ)	10,9			214	D500	33040112301	CFK532
18x1 (JZ)	13,4			318	D500	33040118301	CFK539
25x1 (JZ)	16,0			455	D500	33040125301	CFK559
2x1,5 (OZ)	6,7	13,3	20	69	D500	33041502301	CFK541
3x1,5 (JZ)	7,0			84	D500	31971503330	CFK548
4x1,5 (JZ)	7,6			104	D500	33041504305	CFK549
5x1,5 (JZ)	8,5			130	D500	33041505301	CFK522
7x1,5 (JZ)	9,2			167	D500	33041507303	CFK530
12x1,5 (JZ)	11,9			273	D500	3304151201	CFK537
18x1,5 (JZ)	14,4			396	D500	33041518301	CFK538
25x1,5 (JZ)	16,6			543	D500	33041525301	CFK557
2x2,5 (OZ)	8,3	7,98	25	105	D500	33042502301	CFK544
3x2,5 (JZ)	8,8			132	D500	33042503330	CFK546
4x2,5 (JZ)	9,5			164	D500	33042504330	CFK552
5x2,5 (JZ)	10,6			203	D500	33042505301	CFK523
7x2,5 (JZ)	11,7			271	D500	33042507301	CFK533
12x2,5 (JZ)	14,5			423	D500	33041512301	CFK535
4x4 (JZ)	10,7	4,95	34	224	D500	33044004302	CFK553
5x4 (JZ)	11,9	3,30	44	280	D500	33044005301	CFK525
4x6 (JZ)	12,8			325	D500	33046004301	CFK551
5x6 (JZ)	14,2	1,91	61	406	D500	330460053	CFK526
4x10 (JZ)	16,8			559	D500	33041004302	CFK556
5x10 (JZ)	18,6	1,21	82	690	D500	330410053	CFK524
4x16 (JZ)	19,0			785	D500	33041604301	CFK554
5x16 (JZ)	21,6	0,780	108	1020	D500	330416053	CFK529
4x25 (JZ)	22,9			1204	D500	330426043	CFK555
5x25 (JZ)	25,8			1540	D500	330426053	CFK527

