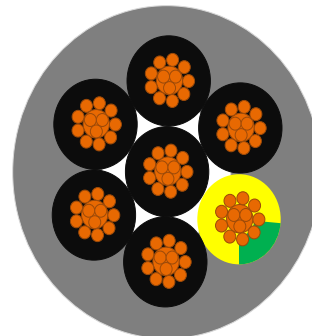


**HFFR INSULATED AND HFFR SHEATHED
FLEXIBLE CONTROL CABLES
ERFLEX 130-H / HSLH (Cca)
300/500 V**

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



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

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 - Outer Sheath | : HFFR Compound |
| 6 - Outer Sheath Colour | : RAL 7001 Grey |
| 7 - Min.Bending Radius | : Occasionally Flexing : 10xD
Fixed Installation : 4xD |
| 8 - Operating Voltage | : 300/500 V |
| 9 - Test Voltage | : 2000 V |
| 10 - Insulation Resistance | : 20 MΩxkm |
| 11 - Temperature Range | : Occasionally Flexing : -5°C ~+70°C
Fixed Installation : -40°C ~+80°C |
| 12 - Flame Retardant Test | : IEC 60332-1-2, DIN EN 60332-1-2, BS EN 60332-1-2, EN 60332-1-2 |
| 13 - Flame Propagation Test | : IEC 60332-3-24, DIN EN 60332-3-24, BS EN 60332-3-24, EN 60332-3-24 |
| 14 - Smoke Density Test | : IEC 61034-2, VDE 0482-1034-2, EN 61034-2 |
| 15 - Corrosive Gas Test | : IEC 60754-2, VDE 0482-754-1-2, EN 60754-2 |
| 16 - Halogen Free Test | : IEC 60754-1, VDE 0482-754-2, EN 60754-2 |
| 17 - Reaction To Fire Performance Class | : Cca s1a,d1,a1 |
| 18 - Cable Marking | : ERSE KABLO ERFLEX 130-H/HSLH-JZ 4G0,75 mm² CLASS Cca 300/500V @UE/@OK C€
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 consecutive number coding

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

-- : Without 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)	5,2	26,0	13	45	C100	33057502302	CFK307
2x0,75 (OZ)	5,2			45	D500	33057502302	CFK315
3G0,75 (JZ)	5,5			54	C100	33037503301	CFK303
3G0,75 (JZ)	5,5			54	D500	33037503301	CFK311
4G0,75 (JZ)	6,0			66	C100	33047504301	CFK301
4G0,75 (JZ)	6,0			66	D500	33047504301	CFK290
5G0,75 (JZ)	6,7			82	C100	33037505301	CFK298
5G0,75 (JZ)	6,7			82	D500	33037505301	CFK293
7G0,75 (JZ)	7,3			102	C100	33047507301	CFK318
7G0,75 (JZ)	7,3			102	D500	33047507301	CFK351
12G0,75 (JZ)	9,4			165	D500	33037512301	CFK345
18G0,75 (JZ)	11,7			249	D500	33057518301	CFK346
25G0,75 (JZ)	14,1			379	D500	33057525330	CFK343
34G0,75 (JZ)	15,9			486	D500	33057534302	CFK360
2x1 (OZ)	5,6	19,5	16	54	D500	33050102302	CFK312
3G1 (JZ)	6,0			65	D500	33030103301	CFK310
4G1 (JZ)	6,7			84	D500	33030103301	CFK285
5G1 (JZ)	7,3			100	D500	33050105305	CFK294
7G1 (JZ)	7,9			125	D500	33030107330	CFK350
2x1,5 (OZ)	6,0	13,3	20	65	C100	33051502309	CFK306
2x1,5 (OZ)	6,0			65	D500	33051502309	CFK313
3G1,5 (JZ)	6,6			83	C100	33031503301	CFK305
3G1,5 (JZ)	6,6			83	D500	33031503301	CFK291
4G1,5 (JZ)	7,2			106	C100	33031504301	CFK302
4G1,5 (JZ)	7,2			106	D500	33031504301	CFK287
5G1,5 (JZ)	7,9			122	C100	33051505309	CFK300
5G1,5 (JZ)	7,9			122	D500	33051505309	CFK367
7G1,5 (JZ)	8,7			163	D500	33051507330	CFK347
7G1,5 (JZ)	8,7			163	C100	33051507330	CFK317
12G1,5 (JZ)	11,7			272	D500	33051512301	CFK344
18G1,5 (JZ)	13,8			393	D500	33051518301	CFK341
25G1,5 (JZ)	17,0			544	D500	33031525330	CFK342
2x2,5 (OZ)	7,6	7,98	25	106	C100	33052520330	CFK308
2x2,5 (OZ)	7,6			106	D500	33052520330	CFK309
3G2,5 (JZ)	8,3			134	C100	33032503301	CFK304
3G2,5 (JZ)	8,3			134	D500	33032503301	CFK292
4G2,5 (JZ)	9,0			164	C100	33052504301	CFK299
4G2,5 (JZ)	9,0			164	D500	33052504301	CFK286
5G2,5 (JZ)	10,1			203	C100	33052505302	CFK316
5G2,5 (JZ)	10,1			203	D500	33052505302	CFK365

Cross Section (mm²)	Approx. Overall Diameter (mm)	Conductor Resistance (Ω/km)	Insulation Resistance (MΩxkm)	Approx. Weight (kg/km)	Packing	Product Code	SAP Code
7G2,5 (JZ)	11,0	7,98	25	261	D500	33032507301	CFK348
7G2,5 (JZ)	11,0			261	C100	33032507301	CFK314
3G4 (JZ)	9,1	4,95	34	183	D500	33034003301	CFK289
4G4 (JZ)	10,2			228	D500	33034004301	CFK283
5G4 (JZ)	11,2			282	D500	33054005303	CFK366
3G6 (JZ)	11,1	3,30	44	270	D500	33036003301	CFK288
4G6 (JZ)	13,5			381	D500	33056004303	CFK284
5G6 (JZ)	13,7			421	D500	33056005301	CFK363
4G10 (JZ)	16,1	1,91	61	583	D500	33051004302	CFK296
5G10 (JZ)	18,1			733	D500	33051005301	CFK362
4G16 (JZ)	18,5	1,21	82	833	D500	33051604302	CFK295
5G16 (JZ)	20,5			1029	D500	33051605302	CFK364
4G25 (JZ)	22,2	0,780	108	1267	D500	33052604301	CFK297
5G25 (JZ)	24,7			1574	D500	33052605301	CFK349