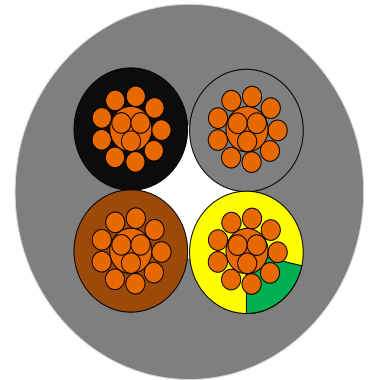


**HFFR INSULATED AND HFFR SHEATHED  
 FLEXIBLE CONTROL CABLES  
 ERFLEX 130-H / HSLH (Cca)  
 300/500 V**

**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<br>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<br>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-JB 4G10 mm <sup>2</sup> CLASS Cca 300/500V @UE/@OK C€ RoHS<br>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.

**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)

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

Cross Section (mm <sup>2</sup> )	Approx. Overall Diameter (mm)	Conductor Resistance ( $\Omega$ /km)	Current Load (A)	Approx. Weight (kg/km)	Packing	Product Code	SAP Code
2x0,75 (OB)	5,2	26,0	13	45	C100	33057502301	CFK361
2x0,75 (OB)	5,2			45	D500	33057502301	CFK322
3G0,75 (JB)	5,5			54	C100	33057503302	CFK359
3G0,75 (JB)	5,5			54	D500	33057503302	CFK321
4G0,75 (JB)	6,0			66	C100	33057504301	CFK355
4G0,75 (JB)	6,0			66	D500	33057504301	CFK334
5G0,75 (JB)	6,7			82	C100	33057505303	CFK328
5G0,75 (JB)	6,7			82	D500	33057505303	CFK376
7G0,75 (JB)	7,3			102	C100	33057507301	CFK324
7G0,75 (JB)	7,3			102	D500	33057507301	CFK382
2x1 (OB)	5,6	19,5	16	54	D500	33050102301	CFK323
3G1 (JB)	6,0			65	D500	33050103304	CFK338
4G1 (JB)	6,7			84	D500	33050104303	CFK333
5G1 (JB)	7,3			100	D500	33050105301	CFK375
7G1 (JB)	7,9			125	D500	33050107302	CFK379
2x1,5 (OB)	6,0	13,3	20	65	C100	33051502302	CFK358
2x1,5 (OB)	6,0			65	D500	33051502302	CFK320
3G1,5 (JB)	6,6			86	C100	33051503330	CFK354
3G1,5 (JB)	6,6			86	D500	33051503330	CFK340
4G1,5 (JB)	7,2			106	C100	33051504330	CFK352
4G1,5 (JB)	7,2			106	D500	33051504330	CFK335
5G1,5 (JB)	7,9			122	C100	33051505301	CFK327
5G1,5 (JB)	7,9			122	D500	33051505301	CFK372
7G1,5 (JB)	8,7			163	C100	33051507306	CFK326
7G1,5 (JB)	8,7			163	D500	33051507306	CFK380
2x2,5 (JB)	7,6	7,98	25	106	C100	33052502303	CFK357
2x2,5 (JB)	7,6			106	D500	33052502303	CFK319
3G2,5 (JB)	8,3			134	C100	33052503301	CFK356
3G2,5 (JB)	8,3			134	D500	33052503301	CFK339
4G2,5 (JB)	9,0			164	C100	33052504330	CFK353
4G2,5 (JB)	9,0			164	D500	33052504330	CFK330
5G2,5 (JB)	10,1			203	C100	33052505330	CFK329
5G2,5 (JB)	10,1			203	D500	33052505330	CFK373
7G2,5 (JB)	11,0			261	C100	33052507302	CFK325
7G2,5 (JB)	11,0			261	D500	33052507302	CFK378
3G4 (JB)	9,1	4,95	34	187	D500	33054003301	CFK336
4G4 (JB)	10,2			228	D500	33054004302	CFK332
5G4 (JB)	11,2			282	D500	33054005302	CFK370
3G6 (JB)	11,1	3,30	44	270	D500	33056003301	CFK337
4G6 (JB)	12,4			381	D500	33056004302	CFK331

<b>Cross Section (mm<sup>2</sup>)</b>	<b>Approx. Overall Diameter (mm)</b>	<b>Conductor Resistance (<math>\Omega</math>/km)</b>	<b>Insulation Resistance (M<math>\Omega</math>xkm)</b>	<b>Approx. Weight (kg/km)</b>	<b>Packing</b>	<b>Product Code</b>	<b>SAP Code</b>
<b>5G6 (JB)</b>	13,7	3,30	44	421	D500	33056005302	CFK369
<b>4G10 (JB)</b>	16,1	1,91	61	583	D500	33051004303	CFK368
<b>5G10 (JB)</b>	18,1			733	D500	33051005303	CFK371
<b>4G16 (JB)</b>	18,5	1,21	82	833	D500	33051604303	CFK377
<b>5G16 (JB)</b>	20,5			1029	D500	33051605303	CFK381
<b>4G25 (JB)</b>	22,2	0,780	105	1267	D500	33052604302	CFK374
<b>5G25 (JB)</b>	24,7			1574	D500	33052605302	CFK383