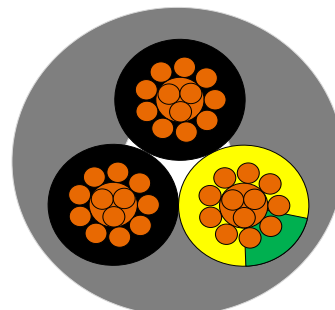


**HFFR INSULATED AND HFFR SHEATHED
FLEXIBLE CONTROL CABLES
ERFLEX 130-H / HSLH (JZ) (Cca)
300/500 V**

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 10 x D
Fixed Installation 4 x D |
| 8 - Operating Voltage | : 300/500 V |
| 9 - Test Voltage | : 2000 V |
| 10 - Temperature Range | : Occasionally Flexing -5°C ~+70°C
Fixed Installation -40°C ~+80°C |
| 11 - Flame Retardant Test | : IEC 60332-1-2, DIN EN 60332-1-2, BS EN 60332-1-2, EN 60332-1-2 |
| 12 - Flame Propagation Test | : IEC 60332-3-24, DIN EN 60332-3-24, BS EN 60332-3-24, EN 60332-3-24 |
| 13 - Smoke Density Test | : IEC 61034-2, VDE 0482-1034-2, EN 61034-2 |
| 14 - Corrosive Gas Test | : IEC 60754-2, VDE 0482-754-1-2, EN 60754-2 |
| 15 - Halogen Free Test | : IEC 60754-1, VDE 0482-754-2, EN 60754-2 |
| 16 - Reaction To Fire performance Class | : Cca-s1a,d1,a1 |
| 17 - Cable Marking | : ERSE KABLO ERFLEX 130-H / HSLH-JZ ..G.. mm ² 300/500V Euro-Class Cca-s1a,d1,a1 DoP
No:2700_0817.00 @UE/@OK C€ 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: Black insulation+Without Green/Yellow earthing core

JZ : Black insulation+Green/Yellow earthing core

OB: Colour code insulation+Without Green/Yellow earthing core (HD 308 S2)

JB : Colour code insulation+With Green/Yellow earthing core (HD 308 S2)

Cross Section (mm²)	Approx. Overall Diameter (mm)	Conductor Resistance (Ω /km)	Current Load (A)	Insulation Resistance (MΩxkm)	Approx. Weight (kg/km)	Packing	Product Code	Sap Code		
3G0,75	5,50±%10	26,00	13	20	54	C100	MDER016300300075G	CFK303		
3G0,75	5,50±%10				54	D500	MDER016300300075G	CFK311		
4G0,75	6,20±%10				68	C100	MDER016300400075G	CFK301		
4G0,75	6,20±%10				68	D500	MDER016300400075G	CFK290		
5G0,75	6,70±%10				80	C100	MDER016300500075G	CFK298		
5G0,75	6,70±%10				80	D500	MDER016300500075G	CFK293		
7G0,75	7,50±%10				106	C100	MDER016300700075G	CFK318		
7G0,75	7,50±%10				106	D500	MDER016300700075G	CFK351		
12G0,75	9,60±%10				170	D500	MDER016301200075G	CFK345		
18G0,75	11,90±%10				255	D500	MDER016301800075G	CFK346		
25G0,75	13,60±%10				344	D500	MDER016302500075G	CFK343		
34G0,75	16,30±%10				481	D500	MDER016303400075G	CFK360		
3G1	6,10±%10				19,50	16	67	D500	MDER016300300100G	CFK312
4G1	6,70±%10						82	D500	MDER016300400100G	CFK285
5G1	7,50±%10	102	D500				MDER016300500100G	CFK294		
7G1	8,10±%10	128	D500				MDER016300700100G	CFK350		
25G1	15,00±%10	429					MDER016302500100G	CPS127		
3G1,5	6,60±%10	13,30	20		84	C100	MDER016300300150G	CFK306		
3G1,5	6,60±%10				84	D500	MDER016300300150G	CFK313		
4G1,5	7,20±%10				102	C100	MDER016300400150G	CFK302		
4G1,5	7,20±%10				102	D500	MDER016300400150G	CFK287		
5G1,5	8,00±%10				127	C100	MDER016300500150G	CFK300		
5G1,5	8,00±%10				127	D500	MDER016300500150G	CFK367		
7G1,5	8,90±%10				166	C100	MDER016300700150G	CFK347		
7G1,5	8,90±%10				166	D500	MDER016300700150G	CFK317		
8G1,5	9,60±%10				184	D500	MDER016300800150G	CPS128		
12G1,5	11,40±%10				270	D500	MDER016301200150G	CFK344		
18G1,5	14,10±%10				402	D500	MDER016301800150G	CFK341		
25G1,5	16,30±%10				552	D500	MDER016302500150G	CFK342		
3G2,5	8,00±%10				7,98	25	130	C100	MDER016300300250G	CFK304
3G2,5	8,00±%10						130	D500	MDER016300300250G	CFK292
4G2,5	9,00±%10	165	C100				MDER016300400250G	CFK299		
4G2,5	9,00±%10	165	D500				MDER016300400250G	CFK286		
5G2,5	9,80±%10	198	C100				MDER016300500250G	CFK316		
5G2,5	9,80±%10	198	D500				MDER016300500250G	CFK365		
7G2,5	10,90±%10	261	C100				MDER016300700250G	CFK348		
7G2,5	10,90±%10	261	D500				MDER016300700250G	CFK314		
12G2,5	14,20±%10	433	D500				MDER016301200250G	CPS129		
3G4	9,30±%10	4,95	34				187	D500	MDER016300300400G	CFK289
4G4	10,40±%10						237	D500	MDER016300400400G	CFK283
5G4	11,40±%10				287	D500	MDER016300500400G	CFK366		
3G6	11,30±%10	3,30	44		275	D500	MDER016300300600G	CFK288		
4G6	12,50±%10				346	D500	MDER016300400600G	CFK284		
5G6	13,90±%10				426	D500	MDER016300500600G	CFK363		
4G10	15,80±%10	1,91	61		576	D500	MDER016300401000G	CFK296		
5G10	17,80±%10				717	D500	MDER016300501000G	CFK362		
4G16	18,60±%10	1,21	82		842	D500	MDER016300401600G	CFK295		
5G16	20,90±%10				1047	D500	MDER016300501600G	CFK364		
4G25	22,60±%10	0,780	108		1296	D500	MDER016300402500G	CFK297		
5G25	25,30±%10				1628	D500	MDER016300502500G	CFK349		