

HOFR

VODOVI PROIZVEDENI PO NORMI BS

Tipska oznaka: HOFR

Norma: BS 638/4

Nazivni napon: 100 V

Ispitni napon: 1000 V

Temperaturno područje uporabe: od -20°C do +85°C

Minimalni polumjer savijanja (mm): 6 x vanjski promjer

OPIS KONSTRUKCIJE

1. **Vodič:** bakreno ili aluminijsko uže
2. **Separator:** poliester folija
3. **Izolacija:** gumena mješavina na temelju etilen-propilena (EPDM)
4. **Plašt:** gumena mješavina na temelju klorosulfoniranog polietilena (CSM)
Boja plašta: crno, narančasto ili žuto

CABLES ACC. TO BS STANDARD

Type coded: HOFR

Standard: BS638/4

Nominal voltage: 100 V

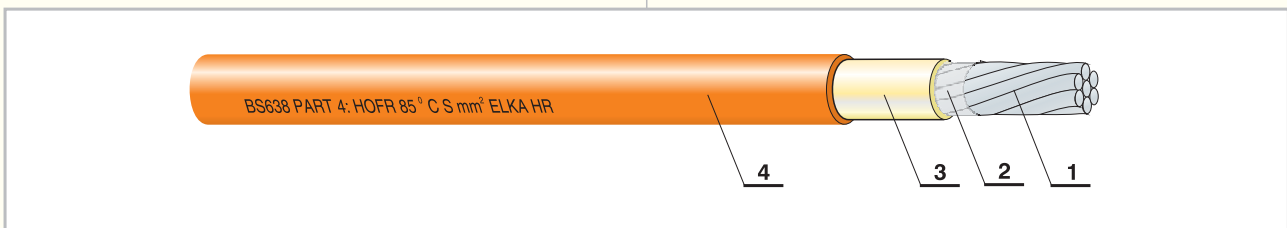
Test voltage: 1000 V

Intended temperature range: - 20°C to +85°C

Minimal bending radius (mm): 6x external diameter

DESCRIPTION OF CABLE CONSTRUCTION

1. **Conductor:** copper or aluminium rope
2. **Separator:** polyester foil
3. **Insulation:** ethylene propylene based rubber compound (EPDM)
4. **Sheath:** chlorine-sulphated polyethylene based rubber compound (CSM)
Sheath colour: black, orange or yellow



NATPIS NA PLAŠTU

BS638 PART 4: HOFR 85 °C S mm² ELKA HR

U proizvodnom programu su slijedeći tipovi vodova:

HOFR-N: vod s golim Cu vodičem i crnim plaštem

HOFR-N-A: vod s aluminijskim vodičem i crnim plaštem

HOFR-HY: vod s pokositrenim Cu vodičem i narančastim plaštem

HOFR-HY-A: vod s aluminijskim vodičem i narančastim plaštem

MARKING ON THE SHEATH

BS 638 PART 4: HOFR 85 °C 5 mm² ELKA HR

Types of produced cables are as follows:

HOFR-N: cable with bare Cu conductor and black sheath

HOFR-N-A: cable with Al conductor and black sheath

HOFR-HY: cable with tinned Cu conductor and orange sheath

HOFR-HY-A: cable with Al conductor and orange sheath

Tablica 3.2.1. Konstrukcijski podaci za tip HOFR-N i HOFR-HY

Table 3.2.1. Construction data for type HOFR-N i HOFR-HY

Nazivni presjek / Nominal cross section	Promjer vodiča / Conductor diameter	Debljina izolacije / Insulation thickness	Vanjski promjer / External diameter	El. otpor vodiča kod 20 °C / El. resistance of conductor at 20 °C	Trajna struja / Permanent current	Masa / Cable weight	Pakiranje / Packing	
							Duljina / Length	Bubanj / Drum
mm ²	mm	mm	mm	Ohm/km	A	kg/km	m	
16	5,2	0,9	9,7	1,16	135	220	1000	BD-8
25	6,5	0,9	11,2	0,758	180	309	1000	BD-8
35	7,7	0,9	12,4	0,536	225	414	1000	BD-9
50	9,2	0,9	14,3	0,379	285	594	1000	BD-10
70	11,0	0,9	16,3	0,268	355	805	1000	BD-10
95	12,7	1,0	18,6	0,198	430	1094	1000	BD-12
120	13,8	1,0	20,3	0,155	500	1253	1000	BD-12
150	15,9	1,1	22,6	0,125	586	1603	500	BD-12
185	17,3	1,2	24,7	0,102	660	1895	500	BD-12
240	20,0	1,3	27,8	0,0778	780	2534	500	BD-12

Tablica 3.2.2. Konstrukcijski podaci za tip HOFR-N-A i HOFR-HY-A

Table 3.2.2. Construction data for type HOFR-N-A i HOFR-HY-A

Nazivni presjek / Nominal cross section	Promjer vodiča / Conductor diameter	Debljina izolacije / Insulation thickness	Vanjski promjer / External diameter	El. otpor vodiča kod 20 °C / El. resistance of conductor at 20 °C	Trajna struja / Permanent current	Masa / Cable weight	Pakiranje / Packing	
							Duljina / Length	Bubanj / Drum
mm ²	mm	mm	mm	Ohm/km	A	kg/km	m	
25	7,0	0,9	11,1	1,248	140	151	1000	BD-8
35	8,3	0,9	13,9	0,886	175	187	1000	BD-10
50	10,9	0,9	16,0	0,616	225	320	1000	BD-10
70	12,3	0,9	17,8	0,440	275	402	1000	BD-12
95	14,2	1,0	20,1	0,326	335	528	1000	BD-12
120	16,2	1,0	23,5	0,254	390	560	1000	BD-14
150	17,5	1,1	24,5	0,208	455	690	500	BD-12
240	22,7	1,6	31,8	0,126	600	1245	500	BD-14