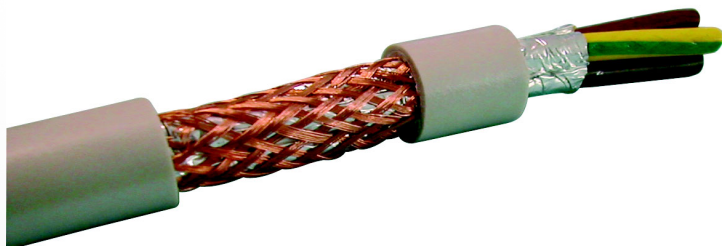


FROHR - FROHH2R

MULTIPOLAR CABLES SHIELDED BY ALLUMINIUM TAPE or ALLUMINIUM TAPE AND BARE COPPER WIRES BRAID



300/500 V
450/750 V



DESCRIPTION

Multipolar cables with protection from electrostatic and electromagnetic interference. FROHR cables are advised for control system and signalling for fixed lay. Drain wire make easier the connection. Double screen of FROHH2R guarantees electric signal transmission with protection from interference and disturbs typical of industrial and civil places. Sheath is realized in PVC without lead, resistant antifiame and to oils and dissolvents. This type of cable is also available in varying to braces.

TECHNICAL DATA:

- Core colors:** Tab. DIN 47100 section < 1,00 mm²
Tab. UNEL 00722 section > 0,75 mm²
- Conductors:** Stranded bare copper wires
- Insulation:** PVC TI2 quality
- Screen:** Alluminium/polyester tape + filo drain wire (FROHR)
Alluminium/polyester tape and bare copper wires braid (FROHH2R)
- Sheath:** PVC TM2 quality (CEI 20-22 II)
Gray RAL 7035
- Test Voltage:** 2000 V < 1,00 mm²
2500 V > 1,00 mm²
- Working Temperature:** -10°C ; +70 °C
- Bending radius:** 10 x external diameter (mobile);
6 x external diameter (fixed)

MARKING:

UNICAVI CEI 20-22 II O.R. [cable name] [formation x section]

- STANDARD:** CEI 20-29
CEI 20-11
CEI 20-22 II
CEI 20-37 pt.2
CEI 20-52

Cond. x Sez.	FROHR			FROHH2R		
	CODE	External diameter	Weight	CODE	External diameter	Weight
n° x mm ²		mm	Kg/km		mm	Kg/km
2 x0.25	559020305	4.3	23	159020305	4.6	27
3 x0.25	559030305	4.4	27	149030305	4.7	31
4 x0.25	559040305	4.8	33	149040305	5.1	37
5 x0.25	559050305	5.1	38	149050305	5.4	43
6 x0.25	559060305	5.0	44	149060305	5.9	48
8 x0.25	559080305	5.6	55	149080305	6.5	61
10 x0.25	559100305	6.9	65	149100305	7.2	71
12 x0.25	559120305	7.1	75	149120305	7.4	81
2 x0.35	559020405	4.9	30	159020405	5.2	33
3 x0.35	559030405	5.1	37	149030405	5.3	41
4 x0.35	559040405	5.6	44	149040405	5.9	48
5 x0.35	559050405	5.9	51	149050405	6.2	56
6 x0.35	559060405	6.5	59	149060405	6.8	64
8 x0.35	559080405	7.4	76	149080405	7.7	82
10 x0.35	559100405	8.3	92	149100405	8.6	98
12 x0.35	559120405	8.5	102	149120405	8.8	110
2 x0.50	559020505	5.3	37	159020505	5.6	40
3 x0.50	559030505	5.5	45	149030505	5.8	49
4 x0.50	559040505	6.0	56	149040505	6.3	59
5 x0.50	559050505	6.5	64	149050505	6.8	69
6 x0.50	559060505	7.1	75	149060505	7.4	80
8 x0.50	559080505	8.1	99	149080505	8.4	104
10 x0.50	559100505	9.1	116	149100505	9.4	125
12 x0.50	559120505	9.4	136	149120505	9.7	141
2 x0.75	559021005	5.7	45	159021005	6.0	47
3 x0.75	559031005	5.9	55	149031005	6.2	60
4 x0.75	559041005	6.5	68	149041005	6.8	72
5 x0.75	559051005	7.0	80	149051005	7.3	86
6 x0.75	559061005	7.9	97	149061005	8.2	103
8 x0.75	559081005	8.8	123	149081005	9.1	130
10 x0.75	559101005	10.1	156	149101005	10.4	162
12 x0.75	559121005	10.4	175	149121005	10.7	124
2 x1.00	560021505	6.1	52	159021505	6.4	56
3 x1.00	560031505	6.4	65	149031505	6.6	70
4 x1.00	560041505	7.0	81	149041505	7.3	86
5 x1.00	560051505	7.7	100	149051505	8.0	106
6 x1.00	559061505	8.5	115	149061505	8.8	123
8 x1.00	559081505	9.7	152	149081505	10.0	160
10 x1.00	559101505	10.9	182	149101505	11.2	193
12 x1.00	559121505	11.2	210	149121505	11.5	222
2 x1.50	560022005	7.5	80	159022005	7.8	81
3 x1.50	560032005	7.8	98	149032005	8.1	103
4 x1.50	560042005	8.7	123	149042005	9.0	128
5 x1.50	560052005	9.6	150	149052005	9.9	160
6 x1.50	559062005	10.5	175	149062005	10.8	185
8 x1.50	559082005	12.0	225	149082005	12.3	238
10 x1.50	559102005	13.5	275	149102005	13.8	290
12 x1.50	559122005	13.9	325	149122005	14.2	332

NOTE: External diameter can change in a range of +/- 3%.