

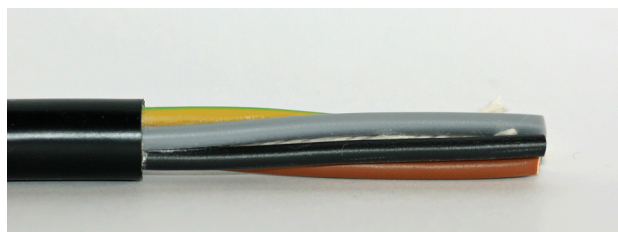
DESCAFLEX ECO HAR-500

0,75 mm² - 2,50 mm²

Halogen-free cables 500 V, H05Z1Z1-F round

Application

Halogen-free flame retardant electric cables for use in industrial, commercial and domestic premises.



Construction

Flexible bare copper conductors, acc. to IEC 60228, class 5
Insulation polymer blend
Coloured cores according to HD 308 S2
Sheath polymer blend, white, black or grey

Special Characteristics

Halogen-free/ Proof	IEC 60754-1
Gases corrosivity	IEC 60754-2
Flame retardant	IEC 60332-1-2
Self-extinguishing	IEC 60332-3
Smoke density	IEC 61034-1+2

Technical Properties

Rated voltage U ₀ /U	300 / 500 V
Test voltage	2000 V
Insulation resistance	20 MΩm x km
Temperature range	- 5°C ... + 70°C
- static installation	- 30°C ... + 70°C
Minimum bending radius	15 x cable diameter

Standards / Approvals

CENELEC HD 21.14 S1

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
211110	2 x 0,75 wh	6.40	14.40	53.00
211111	2 x 0,75 wh *	6.40	14.40	53.00
211040	2 x 0,75 bk	6.40	14.40	53.00
211041	2 x 0,75 bk *	6.40	14.40	53.00
211160	2 x 0,75 gr	6.40	14.40	53.00
211161	2 x 0,75 gr *	6.40	14.40	53.00
211112	3G 0,75 wh	6.80	21.60	64.00
211113	3G 0,75 wh *	6.80	21.60	64.00
211042	3G 0,75 bk	6.80	21.60	64.00
211043	3G 0,75 bk *	6.80	21.60	64.00
211162	3G 0,75 gr	6.80	21.60	64.00
211163	3G 0,75 gr *	6.80	21.60	64.00
211114	4G 0,75 wh	7.40	28.80	80.00
211115	4G 0,75 wh *	7.40	28.80	80.00
211044	4G 0,75 bk	7.40	28.80	80.00
211045	4G 0,75 bk *	7.40	28.80	80.00
211164	4G 0,75 gr	7.40	28.80	80.00
211165	4G 0,75 gr *	7.40	28.80	80.00
211116	5G 0,75 wh	8.30	36.00	91.00
211117	5G 0,75 wh *	8.30	36.00	91.00
211046	5G 0,75 bk	8.30	36.00	91.00
211047	5G 0,75 bk *	8.30	36.00	91.00
211166	5G 0,75 gr	8.30	36.00	91.00
211167	5G 0,75 gr *	8.30	36.00	91.00
211122	2 x 1,00 wh	6.80	19.20	62.00
211123	2 x 1,00 wh *	6.80	19.20	62.00
211052	2 x 1,00 bk	6.80	19.20	62.00
211053	2 x 1,00 bk *	6.80	19.20	62.00
211172	2 x 1,00 gr	6.80	19.20	62.00
211173	2 x 1,00 gr *	6.80	19.20	62.00
211124	3G 1,00 wh	7.20	28.80	75.00
211125	3G 1,00 wh *	7.20	28.80	75.00
211054	3G 1,00 bk	7.20	28.80	75.00
211055	3G 1,00 bk *	7.20	28.80	75.00
211174	3G 1,00 gr	7.20	28.80	75.00
211175	3G 1,00 gr *	7.20	28.80	75.00
211126	4G 1,00 wh	8.10	38.40	95.00
211127	4G 1,00 wh *	8.10	38.40	95.00
211056	4G 1,00 bk	8.10	38.40	95.00
211057	4G 1,00 bk *	8.10	38.40	95.00
211176	4G 1,00 gr	8.10	38.40	95.00
211177	4G 1,00 gr *	8.10	38.40	95.00
211128	5G 1,00 wh	8.80	48.00	117.00
211129	5G 1,00 wh *	8.80	48.00	117.00

wh = white bk = black gr = grey

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
211058	5G 1,00 bk	8.80	48.00	117.00
211059	5G 1,00 bk *	8.80	48.00	117.00
211178	5G 1,00 gr	8.80	48.00	117.00
211179	5G 1,00 gr *	8.80	48.00	117.00
211134	2 x 1,50 wh	7.60	28.80	82.00
211135	2 x 1,50 wh *	7.60	28.80	82.00
211064	2 x 1,50 bk	7.60	28.80	82.00
211065	2 x 1,50 bk *	7.60	28.80	82.00
211184	2 x 1,50 gr	7.60	28.80	82.00
211185	2 x 1,50 gr *	7.60	28.80	82.00
211136	3G 1,50 wh	8.30	43.20	105.00
211137	3G 1,50 wh *	8.30	43.20	105.00
211066	3G 1,50 bk	8.30	43.20	105.00
211067	3G 1,50 bk *	8.30	43.20	105.00
211186	3G 1,50 gr	8.30	43.20	105.00
211187	3G 1,50 gr *	8.30	43.20	105.00
211138	4G 1,50 wh	9.30	57.60	132.00
211139	4G 1,50 wh *	9.30	57.60	132.00
211068	4G 1,50 bk	9.30	57.60	132.00
211069	4G 1,50 bk *	9.30	57.60	132.00
211188	4G 1,50 gr	9.30	57.60	132.00
211189	4G 1,50 gr *	9.30	57.60	132.00
211140	5G 1,50 wh	10.30	72.00	165.00
211141	5G 1,50 wh *	10.30	72.00	165.00
211070	5G 1,50 bk	10.30	72.00	165.00
211071	5G 1,50 bk *	10.30	72.00	165.00
211190	5G 1,50 gr	10.30	72.00	165.00
211191	5G 1,50 gr *	10.30	72.00	165.00
211075	2 x 2,50 bk	9.40	48.00	129.00
211076	2 x 2,50 bk *	9.40	48.00	129.00
211195	2 x 2,50 gr	9.40	48.00	129.00
211196	2 x 2,50 gr *	9.40	48.00	129.00
211077	3G 2,50 bk	10.20	72.00	165.00
211078	3G 2,50 bk *	10.20	72.00	165.00
211197	3G 2,50 gr	10.20	72.00	165.00
211198	3G 2,50 gr *	10.20	72.00	165.00
211079	4G 2,50 bk	11.20	96.00	206.00
211080	4G 2,50 bk *	11.20	96.00	206.00
211199	4G 2,50 gr	11.20	96.00	206.00
211200	4G 2,50 gr *	11.20	96.00	206.00
211081	5G 2,50 bk	12.40	120.00	262.00
211082	5G 2,50 bk *	12.40	120.00	262.00
211201	5G 2,50 gr	12.40	120.00	262.00
211202	5G 2,50 gr *	12.40	120.00	262.00

Packaging

Coils of 100 m / * = cut to desired length