

# Flexible Control Cables

extreme flexibility for power transmission and mobile service **H07RN-F**

RoHS



## Construction (케이블구성)

<b>Conductor</b> (도체)	Bard flexible copper
<b>Insulation</b> (내피복)	rubber E14(HD308)
<b>Core code</b> (코어식별)	up to 5core : VDE0293 more than 7core : black with white number (VDE0293)
<b>Sheath</b> (외피)	thermosetting rubber type EM2
<b>Sheath colour</b> (외피색상)	black

## Technical data (기술사항)

<b>Nominal voltage</b> (사용전압)	450/750
<b>Testing voltage</b> (시험전압)	2500V
<b>Min. bending radius</b> (곡률반경)	6~8 x D
<b>Temperature range</b> (사용온도)	-25°C to +80°C
<b>Fire performance</b> (내화성관련)	IEC 60 332-1
<b>Oil resistance</b> (내유성)	excellent
<b>Chem. resistance</b> (내화학성)	excellent
<b>Weather resistance out door use</b>	excellent

## Special versions available on request

- ▶ Screened with copper braid or metal film
- ▶ armoured with steel plait, wire or tape
- ▶ with outer sheath colour to buyer's order
- ▶ with double sheath and cloth lining for particularly severe working conditions.

## Outstanding features (특징)

- ▶ Rubber sheath
- ▶ Worldwide with HAR standard
- ▶ H05RR-F / H05RN-F

No.conduct x cross -section Nr x mm <sup>2</sup>	Appro x conductor diameter mm.	Min overall diameter mm.	Max overall diameter mm.	Approx cable weight kg./km.	Standard core color
1 x 1.5	1.5	5.7	7.1	55	
1 x 2.5	1.9	6.3	7.9	70	
1 x 4	2.5	7.2	9.0	100	
1 x 6	3.0	7.9	9.8	120	
1 x 10	3.9	9.5	11.9	200	
1 x 16	4.9	10.8	13.4	280	
1 x 25	6.2	12.7	15.8	400	
1 x 35	7.3	14.3	17.9	510	
1 x 50	8.7	16.5	20.6	710	NERO/BLACK
1 x 70	10.4	18.6	23.3	950	
1 x 95	11.9	20.8	26.0	1200	
1 x 120	14.20	22.8	28.6	1500	
1 x 150	15.80	25.2	31.4	1850	
1 x 185	17.50	27.6	34.4	2220	
1 x 240	20.10	30.6	38.4	2830	
1 x 300	22.40	33.5	41.9	3470	
1 x 400	25.70	37.4	56.8	4430	
1 x 500	29.10	41.3	52.0	5690	
2 x 1	1.2	7.7	10.0	115	
2 x 1.5	1.5	8.5	11.0	140	
2 x 2.5	1.9	10.2	13.1	170	
2 x 4	2.5	11.8	15.1	230	BLU / BLUE
2 x 6	3.0	13.1	16.8	300	MARRONE / BROWN
2 x 10	3.9	17.7	22.6	530	
2 x 16	4.9	20.2	25.7	735	
2 x 25	6.2	24.3	30.7	1100	
3G1	1.2	8.3	10.7	135	
3G1.5	1.5	9.2	11.9	170	
3G2.5	1.9	10.9	14.0	210	
3G4	2.5	12.7	16.2	280	
3G6	3.0	14.1	18.0	370	
3G10	3.9	19.1	24.2	660	
3G16	4.9	21.8	27.6	920	BLU / BLUE
3G25	6.2	26.1	33.0	1360	MARRONE / BROWN
3G35	7.3	29.3	37.1	1815	GIALLO-VERDE / GREEN-YELLOW
3G50	8.7	34.1	42.9	2520	
3G70	10.4	38.4	48.3	3350	
3G95	11.9	43.3	54.0	4340	
3G120	14.20	47.4	60.0	5230	
3G150	15.80	52.0	66.0	6520	

No.conduct x cross -section Nr x mm <sup>2</sup>	Appro x conductor diameter mm.	Min overall diameter mm.	Max overall diameter mm.	Approx cable weight kg./km.	Standard core color
3G185	17.50	57.0	72.0	7950	
3G240	20.10	65.0	82.0	10300	
4G1	1.2	9.2	11.9	165	
4G1.5	1.5	10.2	13.1	205	
4G2.5	1.9	12.1	15.5	260	
4G4	2.5	14.0	17.9	350	
4G6	3.0	15.7	20.0	460	
4G10	3.9	20.9	26.5	830	
4G16	4.9	23.8	30.1	1190	BLU / BLUE
4G25	6.2	28.9	36.6	1720	MARRONE / BROWN
4G35	7.3	32.5	41.1	2260	GIALLO-VERDE / GREEN-YELLOW
4G50	8.7	37.7	47.5	3140	NERO / BLACK
4G70	10.4	42.7	54.0	4250	
4G95	11.9	48.4	61.0	5500	
4G120	14.20	53.0	66.0	6670	
4G150	15.80	58.0	73.0	8390	
4G185	17.50	64.0	80.0	10200	
5G1	1.2	10.2	13.1	205	
5G1.5	1.5	11.2	14.4	255	
5G2.5	1.9	13.3	17.0	330	BLU / BLUE
5G4	2.5	15.6	19.9	450	MARRONE / BROWN
5G6	3.0	17.5	22.2	610	NERO / BLACK
5G10	3.9	22.9	29.1	1030	GIALLO-VERDE / GREEN-YELLOW
5G16	4.9	26.4	33.3	1470	NERO / BLACK
5G25	6.2	32.0	40.4	2170	
6G1.5	1.5	13.4	17.2	369	
12G1.5	1.5	17.6	22.4	530	
18G1.5	1.5	20.7	26.3	750	
24G1.5	1.5	24.3	30.7	960	
36G1.5	1.5	27.8	35.2	1360	
6G2.5	1.9	15.7	20.0	530	
12G2.5	1.9	20.6	26.2	760	
18G2.5	1.9	24.4	30.9	1080	
24G2.5	1.9	28.8	36.4	1380	
36G2.5	1.9	33.2	41.8	2360	
6G4	2.5	18.2	23.2	610	
12G4	2.5	24.4	30.9	1050	
18G4	2.5	28.8	36.4	1500	