Application

The HO5RR-F lightweight rubber sheathed cable, compliant with DIN VDE 0282-4 HD22.4 standards, is specifically designed for light-duty applications requiring flexibility and durability. It finds widespread use in various environments, including kitchen and catering equipment, appliances, refrigerators, power tools, computers, medical devices, heaters, and mobile homes. This cable is suitable for medium-duty electrical or electronic equipment intended for use outside the USA. Notably, it operates safely at significantly lower temperatures than PVC cables, with a temperature rating as low as -30 degrees Celsius.

Performance

Voltage Rating: 300/500V
Testing Voltage: 2000V
Temperature Rating: -25°C to +60°C
Bending Radius:
Flexing: 15 x cable diameter
Static: 6 x cable diameter

Construction

Conductors: Finely stranded copper
Conductor Sizes: Standard sizes include 0.75mm2, 1.0mm2, 1.5mm2, and 2.5mm2.
Number of Cores: 3
Insulation: Rubber
Jacket: Rubber
Installation Bend Radius: 15 times the diameter of the cable
Colour Code: Blue, Brown, Green/Yellow Ground
Jacket Colours Available: Black as standard. Other colors may be available for large orders.

Specification

-DIN VDE 0282-4 (Cables of rated voltages up to and including 450/750 V and having thermoplastic insulation - Part 4: Rubber-insulated Cords and Flexible Cables)

Eastful Cable Lab

We have CNAS Accredited Facility to assure conformity assessment services with a focus on quality, expertise, and customer satisfaction.
CNAS has international mutual recognition among IAF, ILAC, APLAC and PAC.

Accreditation

We meet the requirements of ISO9001, ISO14001, ISO45001 and ISO50001 and our cables have certificate of CCC, RoHS, CASC, UL, cUL, TÜV Rhineland and CCS.

National Green Factory

Our facility has been awarded of National Green Factory by Ministry of Industry and Information Technology of China.
We are committed to the development of high-end, intelligent and green manufacturing industry.

*The overall energy consumption level of green factories is better than the energy efficiency benchmark level.

Technical Parameters

No. of Conductor	Conductor		Insulation Thickness	Sheath Thickness	Reference Dia.	Max. Conductor Resistance at 20℃	
	Nominal Cross Section Area	Strand Size				Bare	Tinned
-	mm^2	No./mm	mm	mm	mm	Ω/km	Ω/km
2	0.75	24/0.20	0.6	0.8	6.5±0.15	26	26.7
2	1	32/0.20	0.6	0.9	7.0±0.15	19.5	20
2	1.5	30/0.25 or 48/0.20	0.8	1	8.6±0.2	13.3	13.7
2	2.5	49/0.25	0.9	1.1	10.2±0.2	7.98	8.21
3	0.75	24/0.20	0.6	0.9	7.1±0.15	26	26.7
3	1	32/0.20	0.6	0.9	7.4±0.15	19.5	20
3	1.5	30/0.25 or 48/0.20	0.8	1	9.1±0.2	13.3	13.7
3	2.5	49/0.25	0.9	1.1	10.7±0.2	7.98	8.21
3	4	56/0.30	1	1.2	12.7±0.3	––	––