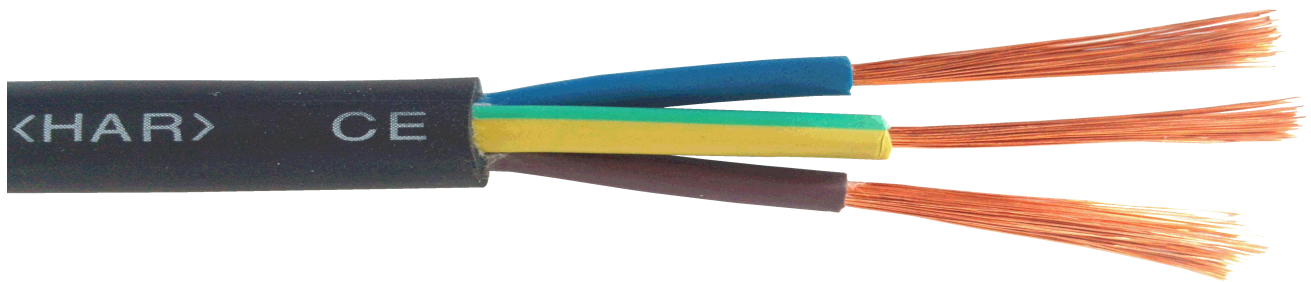


# HO5RR-F

**Rubber & Crane Cables VR/TR HO5RR-F Harmonised Approved Vulcanised Rubber Insulated and Tough Rubber Sheathed Multicore t o BS6500 300/500V**

**CONSTRUCTION :**



**Conductor:** Flexible Class5 Tinned Copper to BS6360

**Insulation:** Rubber Insulation type E1.4 t o BS7655

**Sheath:** Tough rubber type EM2 to BS7655.

H - Harmonised Approval

5 - 300/500 rated

R - Natural or Synthetic Rubber

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F - Flexible Stranded Conductor

**APPLICATION :**

Designed primarily as a trailing cable for use in a mains supply or extension lead for domestic or industrial purposes, under conditions of frequent handling, trailing or flexing. Suitable for operation under light stress in dry or damp conditions.

**TECHNICAL DATA :**

**Voltage:** 300/500V

**Test voltage:** 2500V

**Operating Temperature Range:** - 20 °C to +60 °C

**Bending Radius:** 15 x Overall Diameter.

**RELEVANT STANDARDS :**

Manufactured to Din 57282, VDE 0282, VDE 0615, VDE 0472 and BS6500 (up to 5 cores).

**CORE IDENTIFICATION :**

**2 Cores:** Brown, Blue

**3 Cores:** Green/ Yellow, Brown, Blue

**4 Cores:** Green/ Yellow, Black, Blue, Brown

**5 Cores:** Green/ Yellow, Black, Blue, Brown, Black

**6 Cores:** Number coded, Black cores White numbers, + integral Green/ Yellow .

## H05RR-F 2 Core Type 300/500V VR/TR Rubber Cable

Core and Size mm sq	Stranding (Number of Strand/Strand Diameter)	Insulation Thickness mm	Thickness of Sheath mm	Nominal Overall Diameter mm	Approx. Weight kg/km
2 x 0.75	24 x 0.20	0.6	0.8	6.4	53.0
2 x 1.0	32 x 0.20	0.6	0.8	6.6	60.0
2 x 1.5	30 x 0.25	0.6	1.1	7.6	82.0
2 x 2.5	50 x 0.25	0.7	1.2	9.2	135.0
2 x 2.0	56 x 0.30	0.8	1.2	10.8	191.0
2 x 6.0	84 x 0.30	0.8	1.5	13.4	274.0

## H05RR-F 3 Core Type 300/500V VR/TR Rubber Cable

Core and Size mm sq	Stranding (Number of Strand/Strand Diameter)	Nominal Thickness of Insulation mm	Nominal Thickness of Sheath mm	Nominal Overall Diameter. mm	Approx. Weightkg/km
3X1.0	7/0.40	0.8	1.0	8.4	95
3X1.5	7/0.50	0.8	1.1	9.3	130
3X2.5	7/0.67	0.8	1.1	10.4	175
3X4.0	7/0.85	1.0	1.2	12.7	270
3X6.0	7/1.04	1.0	1.2	13.9	355
3X10.0	7/1.35	1.2	1.4	17.2	570
3X16.0	7/1.70	1.2	1.4	19.5	790
3X25.0	19/1.35	1.4	1.6	24.4	1290
3X35.0	19/1.53	1.4	1.7	26.5	1590
3X50.0	19/1.78	1.6	1.8	30.3	2150
3X70.0	19/2.14	1.6	2.0	34.7	2920
3X95.0	37/1.78	1.8	2.2	39.7	3790
3X120.0	37/2.03	1.8	2.3	43.8	4790
3X150.0	37/2.25	2.0	2.5	48.4	5860
3X185.0	37/2.52	2.2	2.7	53.9	7290
3X240.0	61/2.25	2.4	3.0	61.1	9500
3X300.0	61/2.52	2.6	3.2	67.6	11960

## H05RR-F 4 Core Type 300/500V VR/TR Rubber Cable

Core and Size mm sq	Stranding (Number of Strand/Strand Diameter)	Insulation Thickness mm	Thickness of Sheath mm	Nominal Overall Diameter mm	Approx. Weight kg/km
4 x 0.75	24 x 0.20	0.6	1.0	7.8	84.0
4 x 1.0	32 x 0.20	0.6	1.0	8.0	95.0
4 x 1.5	30 x 0.25	0.6	1.0	8.8	122.0

4 x 2.5	50 x 0.25	0.7	1.2	10.6	189.0
4 x 4.0	56 x 0.30	0.8	1.5	13.1	295.0
4 x 6.0	84 x 0.30	0.8	1.8	16.3	442.0
4 x 10	80 x 0.40	1.0	1.8	20.0	707.0
4 x 16	128 x 0.40	1.2	2.0	24.3	987.0

### H05RR-F 5 Core Type 300/500V VR/TR Rubber Cable

Core and Size mm sq	Stranding (Number of Strand/Strand Diameter)	Insulation Thickness mm	Thickness of Sheath mm	Nominal Overall Diameter mm	Approx. Weight kg/km
5 x 0.75	24 x 0.20	0.6	1.0	8.5	101.0
5 x 1.0	32 x 0.20	0.6	1.0	8.8	116.0
5 x 1.5	30 x 0.25	0.6	1.0	9.6	148.0
5 x 2.5	50 x 0.25	0.7	1.2	11.6	229.0
5 x 4.0	56 x 0.30	0.8	1.8	14.4	359.0
5 x 6.0	84 x 0.30	0.8	1.8	17.7	535.0

### H05RR-F 6 Core Type 300/500V VR/TR Rubber Cable

Core and Size mm sq	Stranding (Number of Strand/Strand Diameter)	Insulation Thickness mm	Thickness of Sheath mm	Nominal Overall Diameter mm	Approx. Weight kg/km
6 x 0.75	24 x 0.20	0.6	1.0	9.2	117.0
6 x 1.0	32 x 0.20	0.6	1.0	9.5	135.0
6 x 1.5	30 x 0.25	0.6	1.0	10.4	173.0
6 x 2.5	50 x 0.25	0.7	1.2	12.5	268.0
6 x 4.0	56 x 0.30	0.8	1.8	16.2	441.0
6 x 6.0	84 x 0.30	0.8	1.8	19.2	630.0