



## H05RR-F (318-TRS)

Tough Rubber Insulated and Sheathed Flexible Cords



Manufactured to BS EN 50525-2-21:2011 Clause 4.1

Annealed Flexible Copper Conductor / Rubber Insulated / Rubber Sheathed. 300/500V

<b>Conductor:</b>	Plain Annealed Copper, Class 5 Flexible to BS EN 60228
<b>Insulation:</b>	EI4 Type Rubber (EPR) to EN 50363-1
<b>Sheathing:</b>	EM2 Type Elastomer to EN 50363-2-1

**Current Rating:** For current ratings refer to table 4F3 of BS7671 IET Wiring Regulations.

Ordinary duty rubber flexible cords are used where the risk of mechanical damage and mechanical stresses is normal, i.e. when cables are subject to low mechanical stresses in the areas of application, and the risk of mechanical damage is low, as is the case to be expected in the normal use of small to medium size equipment in domestic and commercial as well as in light industrial premises.

Examples of appliances that use ordinary duty rubber flexible cords include vacuum cleaners, kitchen equipment, small electrical welding machines and portable hand tools.

### STANDARD CORE COLOURS



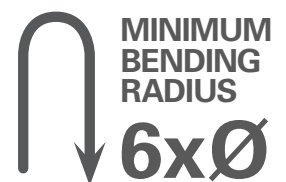
**MINIMUM  
OPERATING  
TEMPERATURE**

**-25°C**



**MAXIMUM  
OPERATING  
TEMPERATURE**

**60°C**



**MINIMUM  
BENDING  
RADIUS**

**6xØ**

**The British Cable Company You Can Trust**



Sales Office: Millfield Industrial Estate, Arksey Lane, Bentley, Doncaster, South Yorkshire, DN5 0SJ  
Tel: 01302 821700 Email: [sales@doncastercables.com](mailto:sales@doncastercables.com)



## H05RR-F (318-TRS)

Tough Rubber Insulated and Sheathed Flexible Cords



Reference Number	Harmonisation Code	Nominal Cross Sectional Area of Conductor (mm <sup>2</sup> )	Nominal Stranding of Conductor (mm)	Nominal Radial Thickness of Insulation (mm)	Nominal Radial Thickness of Sheath (mm)	Overall Diameter Lower Limit (mm)	Overall Diameter Upper Limit (mm)	Approximate Weight (kg/km)
31820.75	H05RR-F	0.75	24/0.2	0.6	0.8	5.7	7.4	65
31821.0	H05RR-F	1.0	32/0.2	0.6	0.9	6.1	8.0	75
31821.5	H05RR-F	1.5	30/0.25	0.8	1.0	7.6	9.8	110
31822.5	H05RR-F	2.5	50/0.25	0.9	1.1	9.0	11.6	155
31830.75	H05RR-F	0.75	24/0.2	0.6	0.9	6.2	8.1	80
31831.0	H05RR-F	1.0	32/0.2	0.6	0.9	6.5	8.5	90
31831.5	H05RR-F	1.5	30/0.25	0.8	1.0	8	10.4	135
31832.5	H05RR-F	2.5	50/0.25	0.9	1.1	9.6	12.4	190
31840.75	H05RR-F	0.75	24/0.2	0.6	0.9	6.8	8.8	95
31841.0	H05RR-F	1.0	32/0.2	0.6	0.9	7.1	9.3	110
31841.5	H05RR-F	1.5	30/0.25	0.8	1.1	9.0	11.6	170
31842.5	H05RR-F	2.5	50/0.25	0.9	1.2	10.7	13.8	245
31851.5	H05RR-F	1.5	30/0.25	0.8	1.1	9.8	12.7	195
31852.5	H05RR-F	2.5	50/0.25	0.9	1.3	11.9	15.3	290

Weight and dimensional information is provided as an approximate guide only.

