

H07RNH6-F Rubber Flatm Cable - TPR - 1.5mm - 70mm



Rubber flatm cables are generally used on moving mechanical machinery such as overhead cranes and hoisting systems and are often found in festoon lighting. The cable is suitable for use in dry, humid and wet conditions. To harmonised code - H07RNH6-F

Key Features



Installation Guidelines

Should not be installed at temperatures below 0°C



Voltage Rating

450/750 Volts



Minimum Bending Radius

As Per Manufacturers Datasheet



Temperature Limits

Temperature Range: -35°C to + 65°C

Construction

- **Conductor:** Flexible Plain Copper Conductors
- **Insulation:** Thermoplastic Rubber (TPR)
- **Sheath:** Thermoplastic Rubber (TPR)

Standards

- H07RNH6-F

Core Colours

4 core - Brown Blue Grey Green Yellow

7 and 12 cores - Black cores with White numbers and one Green Yellow

H07RNH6-F Rubber Flatlform Cable - TPR - 1.5mm - 70mm - Dimensions

Reference	Conductor Size (mm ²)	No Of Cores	Stranding(mm)	Overall Dimensions(mm)	Max Ratings (Amps)	Weight(Kg/Km)
FLAT4X1/5R	1.5	4	30/0.25	16X5	22	110
FLAT12X1/5R	1.5	12	30/0.25	29X5	12	320
FLAT4X2/5R	2.5	4	50/0.25	19X6	30	170
FLAT7X2/5R	2.5	7	50/0.25	33X7	20	300
FLAT12X2/5R	2.5	12	50/0.25	51X6	20	490
FLAT4X4R	4	4	56/0.30	21X7	40	250
FLAT4X6R	6	4	84/0.30	24X7	52	330
FLAT4X10R	10	4	80/0.40	29X9	70	550
FLAT4X16R	16	4	126/0.40	35X10	95	800
FLAT4X25R	25	4	196/0.40	46X14	127	1350
FLAT4X35R	35	4	276/0.40	51X15	157	1800
FLAT4X50R	50	4	396/0.40	56X17	190	2400
FLAT4X70R	70	4	360/0.50	63X18	242	3250

FLATFORM CABLE - ELECTRICAL PROPERTIES

CURRENT-CARRYING CAPACITY (AMPS)					VOLTAGE DROP		
CONDUCTOR SIZE	MULTICORE FLAT CABLE THREE PHASE AC						
	REFERENCE METHOD A CONDUIT IN A THERMALLY INSULATED WALL	REFERENCE METHOD B CONDUIT OR TRUNKING ON A WALL	REFERENCE METHOD C CLIPPED DIRECT	REFERENCE METHOD E FREE AIR ON PERFORATED CABLE TRAY	mV/A/m		
(MM ²)	(A)	(A)	(A)	(A)	R	X	Z
1*	13	15	17	18	40		
1.5*	16.5	19.5	22	23	27		
2.5*	22	26	30	32	16		
4	30	35	40	42	10		
6	38	44	52	54	6.8		
10	51	60	71	75	4		
16	68	80	96	100	2.5		
25	89	105	119	127	1.6	0.14	1.65
35	109	128	147	158	1.15	0.135	1.15
50	130	154	179	192	0.86	0.135	0.87
70	164	194	229	246	0.59	0.13	0.6
95	197	233	328	298	0.43	0.13	0.45

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For more information contact: 01642 241 133



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