H07VVH6-F PVC Flatform Cable - CENELEC HD 359 S2, IEC 227 Part 6 - 1.5mm² to 95mm²

Description

PVC Flatform Cable is designed for power and control systems, cranes and control bridges, moving machinery such as overhead cranes and hoisting systems.

Key Features

Voltage Rating
450/750 Volts

Temperature Limits
Temperature Range: -25°C to +70°C

Core Colours

4 core - Brown | Blue | Grey | Green | Yellow

7 & 12 core - Black cores with White numbers plus Green | Yellow

Standards

- CENELEC HD 359 S2, IEC 227 part 6, H07VVH6-F

Construction

- **Conductor**: Flexible Plain Copper Conductors
- **Insulation**: Polyvinyl Chloride (PVC)
- **Sheath**: Special Polyvinyl Chloride (PVC)
- **Sheath Colour**: Black

QA Lab

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.

CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

H07VVH6-F PVC Flatform Cable - CENELEC HD 359 S2, IEC 227 Part 6 - 1.5mm² to 95mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Overall Dimensions(mm)	Max Ratings (Amps)	Weight(Kg/Km)
FLAT4X1/5V	1.5	4	30/0.25	15X5	20	150
FLAT12X1/5V	1.5	12	30/0.25	41X5	11	420
FLAT4X2/5V	2.5	4	50/0.25	19X6	27	210
FLAT12X2/5V	2.5	12	50/0.25	51X6	16	620
FLAT4X4V	4	4	56/0.30	21X7	36	300
FLAT4X6V	6	4	84/0.30	23X7	48	385
FLAT4X10V	10	4	80/0.40	29X9	63	620
FLAT4X16V	16	4	126/0.40	37x11	85	990
FLAT4X25V	25	4	196/0.40	46X14	112	1550
FLAT4X35V	35	4	276/0.40	51X15	138	2030
FLAT4X50V	50	4	396/0.40	56X17	168	2650
FLAT4X70V	70	4	360/0.50	63X18	213	3650
FLAT4X95V	95	4	475/0.50	73X21	258	4550

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			
(MM²)	(A)	(A)	(A)	(A)	mV/A/m		
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		
					R	X	Z
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