

FREP® - XHHW-2 FR-EP/ CPE Jacket - 10 AWG

CPE Jacket
 EPR Insulation - XHHW-2 (VW-1)
 90°C - 600 Volt - UL Type TC-ER*
 10 AWG
 E-2 Color Code



*Product images are for illustrative purposes only and may differ from the actual product.

Category Conductor Description:

- Fully annealed stranded tinned copper per ASTM B33 Class B stranding per ASTM B8

Category Insulation Description:

- Flame retardant Ethylene Propylene Rubber (EPR)

Category Jacket Description:

- Lead-free, flame-retardant thermoplastic Chlorinated Polyethylene (CPE)

Applications:

- Used as power and control cables in dry and wet locations
- Can be installed in cable trays, raceways, and open air
- Suitable for exposure to weather, direct burial, and for Class 1 Division 2 hazardous locations as per NEC

Standards:

- IEEE 1202
- UL 44 (Type XHHW-2)
- UL 1581 VW-1
- UL 1277 Type TC-ER
- Rated for UV/Sunlight Resistant applications

Color Code Chart			
Cond #	Color	Cond #	Color
1	Black	31	Brown/Yellow Stripe
2	Red	32	Black/Brown Stripe
3	Blue	33	Red/Brown Stripe
4	Orange	34	Blue/Brown Stripe
5	Yellow	35	Orange/Brown Stripe

6	Brown	36	Yellow/Brown Stripe
7	Red/Black Stripe	37	Black
8	Blue/Black Stripe	38	Red
9	Orange/Black Stripe	39	Blue
10	Yellow/Black Stripe	40	Orange
11	Brown/Black Stripe	41	Yellow
12	Black/Red Stripe	42	Brown
13	Blue/Red Stripe	43	Red/Black Stripe
14	Orange/Red Stripe	44	Blue/Black Stripe
15	Yellow/Red Stripe	45	Orange/Black Stripe
16	Brown/Red Stripe	46	Yellow/Black Stripe
17	Black/Blue Stripe	47	Brown/Black Stripe
18	Red/Blue Stripe	48	Black/Red Stripe
19	Orange/Blue Stripe	49	Blue/Red Stripe
20	Yellow/Blue Stripe	50	Orange/Red Stripe
21	Brown/Blue Stripe	51	Yellow/Red Stripe
22	Black/Orange Stripe	52	Brown/Red Stripe
23	Red/Orange Stripe	53	Black/Blue Stripe
24	Blue/Orange Stripe	54	Red/Blue Stripe
25	Yellow/Orange Stripe	55	Orange/Blue Stripe
26	Brown/Orange Stripe	56	Yellow/Blue Stripe
27	Black/Yellow Stripe	57	Brown/Blue Stripe
28	Red/Yellow Stripe	58	Black/Orange Stripe
29	Blue/Yellow Stripe	59	Red/Orange Stripe
30	Orange/Yellow Stripe	60	Blue/Orange Stripe

Part Number Table

Part#	Gauge	Conductors	Jacket Thickness	Outside Diameter Inches	Material Weight (Lbs./M')
AF11002	10	2	0.045	0.455	128
AF11002F	10	2 Flat	0.045	.2700 x .4450	113
AF11003	10	3	0.045	0.485	172
AF11004	10	4	0.06	0.56	234
AF11005	10	5	0.06	0.615	284
AF11007	10	7	0.06	0.67	381
AF11009	10	9	0.06	0.785	464
AF11012	10	12	0.08	0.92	651
AF11015	10	15	0.08	1.02	615
AF11019	10	19	0.08	1.08	923
AF11024	10	24	0.08	1.36	1221
AF11037	10	37	0.08	2.1	1885
AF31003E2B	10	3	0.045	0.485	192

Note: The data shown are approximate and subject to standard industry and manufacturer tolerances. *ER Rating only applies to 3 conductors or more; AF11002F has a flat construction; AF31003E2B has a ground wire.

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