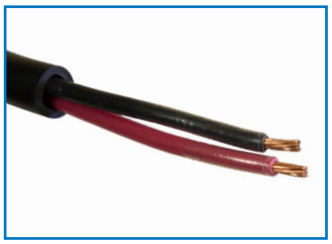
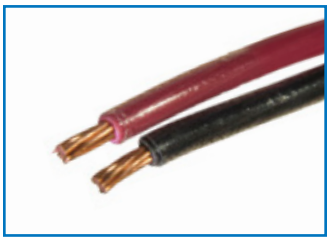
CPE Jacket, EPR Insulation - XHHW-2 (VW-1), 90°C - 600 Volt - UL Type TC-ER, 12 AWG, E-2 Color Code





Product Construction

Conductor:

- Fully annealed stranded bare copper per ASTM B3
- Class B stranding per ASTM B8

Insulation:

- Flame-retardant ethylene propylene rubber (EPR)

Jacket:

- Lead-free, flame-retardant thermoplastic Chlorinated Polyethlyene (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
- Meets -40°C bend test
- *UL 1277 Type TC-ER for 3 or more conductors

Additional Information

- ER Rating only applies to 3 conductors or more
- AF11202F has a flat construction
- AF31203E2B has a ground wire.

COLOR CODE CHART			
Cond. #	Color	Cond. #	Color
1	Black	19	Orange/Blue Stripe
2	Red	20	Yellow/Blue Stripe
3	Blue	21	Brown/Blue Stripe
4	Orange	22	Black/Orange Stripe
5	Yellow	23	Red/Orange Stripe
6	Brown	24	Blue/Orange Stripe
7	Red/Black Stripe	25	Yellow/Orange Stripe
8	Blue/Black Stripe	26	Brown/Orange Stripe
9	Orange/Black Stripe	27	Black/Yellow Stripe
10	Yellow/Black Stripe	28	Red/Yellow Stripe
11	Brown/Black Stripe	29	Blue/Yellow Stripe
12	Black/Red Stripe	30	Orange/Yellow Stripe
13	Blue/Red Stripe	31	Brown/Yellow Stripe
14	Orange/Red Stripe	32	Black/Brown Stripe
15	Yellow/Red Stripe	33	Red/Brown Stripe
16	Brown/Red Stripe	34	Blue/Brown Stripe
17	Black/Blue Stripe	35	Orange/Brown Stripe
18	Red/Blue Stripe	36	Yellow/Brown Stripe
		37	Black

Tray Cable

Part #	AWG	Conductors	Jacket Thickness	Nom. O.D.	Lbs./M'
AF11202F	12	2	.045"	.400" x .245"	82
AF11202	12	2	.045"	.420"	94
AF31203E2B	12	3	.045	.435"	133
AF11203	12	3	.045"	.435"	124
AF11204	12	4	.045"	.475"	157
AF11205	12	5	.045	.520"	191
AF11207	12	7	.060"	.595"	268
AF11209	12	9	.060"	.695"	337
AF11212	12	12	.060"	.780"	428
AF11215	12	15	.060"	.880"	531
AF11219	12	19	.080"	.940"	688
AF11225	12	25	.080"	1.01"	854
AF11230	12	30	.080"	1.18"	1040
AF11237	12	37	.080"	1.27"	1240

*Fittings are available for these products.

Note: The data shown is approximate and subject to standard industry and manufacturer tolerances.