

## EPR/CPE Shielded Multipair



### Product Description

FR-EPR insulation  
CPE jacket  
90°C, 600 V

### Applications

For use indoors or outdoors and for installation in trays, troughs, channels, ducts and direct burial. Designed for telemetering, signals, relays and communication.

### Specifications

- CONDUCTORS: Annealed, tinned copper in accordance with ASTM B-3 and B-33, concentric stranded, Class B per ASTM B-8
- INSULATION: Ethylene Propylene Rubber (EPR), UL Rated VW-1 conductors
- PAIRS/TRIADS: Each pair/triad is twisted and color coded: pairs black/white, triads black/white/red with alphanumeric designation (1-ONE)
- ASSEMBLY: The individually shielded pairs are cabled together with non-hygroscopic and flame-retardant fillers as necessary to form a circular cross section of the assembly, a binding tape, when required, shall be applied over cable core
- SHIELDING: The entire cable assembly is shielded with polyester backed/aluminum tape and tinned copper drain wire
- OVERALL JACKET: Flame-retardant thermoplastic Chlorinated Polyethylene (CPE)
- STANDARDS: UL listed as Type TC UL 1277. Cable passes UL 1685 70,000 Btu/hr, ICEA T-29-520, 210,000 Btu/hr and flame test FT4/IEEE 1202/383. Sunlight resistant and rated for direct burial
- TEMPERATURE: 90°C
- VOLTAGE: 600 V

Electrical and Electronic Wire & Cable • Enterprise Cabling & Security Solutions • Fasteners

Anixter Inc. World Headquarters • 2301 Patriot Boulevard, Glenview, IL 60026-8020 • 1.800.ANIXTER • 224.521.8000 • [anixter.com](http://anixter.com)

Anixter is a leading global supplier of communications and security products, electrical and electronic wire and cable, fasteners and other small components. We help our customers specify solutions and make informed purchasing decisions around technology, applications and relevant standards. Throughout the world, we provide innovative supply chain management solutions to reduce our customers' total cost of production and implementation.

Anixter does not manufacture the items described in this publication. Any applicable product warranties are provided by the manufacturers. To the fullest extent permitted by law, Anixter disclaims all warranties, either express or implied.

The information provided and any images shown are for descriptive purposes only. Anixter makes no warranty or representation, express or implied, about the accuracy or completeness of any information provided. Data and suggestions made in the publication are not to be construed as recommendations to purchase or as authorizations to use any products in violation of any law or regulation. All products are sold subject to Anixter's General Conditions of Sale.

POS-Pair(s) Overall Shield. SPOS-Shielded Pair with Overall Shield. TOS-Triad(s) Overall Shield. Diameters and weights vary among manufacturers.

Part No.	Conductor Size AWG	No. of Pairs	No. of Triads	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.
2MR-1601POS	16	1	1	0.025	0.045	0.318	59
2MR-1601TOS	16			0.025	0.045	0.336	75
2MR-1602POS	16	2		0.025	0.045	0.506	92
2MR-1604POS	16	4		0.025	0.060	0.627	220
2MR-1602SPOS	16	2		0.025	0.060	0.583	166
2MR-1603SPOS	16	3		0.025	0.060	0.591	189
2MR-1604SPOS	16	4		0.025	0.060	0.638	231
2MR-1606SPOS	16	6		0.025	0.080	0.775	295
2MR-1608SPOS	16	8		0.025	0.080	0.865	416
2MR-1612SPOS	16	12		0.025	0.080	1.047	581
2MR-1624SPOS	16	24		0.025	0.080	1.393	1,067
2MR-1636SPOS	16	36		0.025	0.110	1.735	1,419

## Electrical and Electronic Wire & Cable • Enterprise Cabling & Security Solutions • Fasteners

Anixter Inc. World Headquarters • 2301 Patriot Boulevard, Glenview, IL 60026-8020 • 1.800.ANIXTER • 224.521.8000 • [anixter.com](http://anixter.com)

Anixter is a leading global supplier of communications and security products, electrical and electronic wire and cable, fasteners and other small components. We help our customers specify solutions and make informed purchasing decisions around technology, applications and relevant standards. Throughout the world, we provide innovative supply chain management solutions to reduce our customers' total cost of production and implementation.

Anixter does not manufacture the items described in this publication. Any applicable product warranties are provided by the manufacturers. To the fullest extent permitted by law, Anixter disclaims all warranties, either express or implied.

The information provided and any images shown are for descriptive purposes only. Anixter makes no warranty or representation, express or implied, about the accuracy or completeness of any information provided. Data and suggestions made in the publication are not to be construed as recommendations to purchase or as authorizations to use any products in violation of any law or regulation. All products are sold subject to Anixter's General Conditions of Sale.