

RUS/REA PE-89 Design



Product Description

For use in exchange and campus areas, direct buried or installed in-duct. Suitable for voice frequency use on all pairs and carrier frequency, both analog and digital, on a selected pair assignment basis. For full pair utilization at carrier frequencies, a core-dividing screen is required.

Specifications

- Solid, annealed, bare copper conductors
- Conductor insulation is foamed polyolefin with a solid skin of the same material. Color-coded to telephone industry standards
- Insulated conductors are twisted into pairs of varying lengths of lay to minimize crosstalk
- Pairs are stranded into units (and super units, if required by pair count)
- The cable core is filled with a waterproofing compound and wrapped with a non-hygroscopic core tape
- Specifications permit six varieties of shielding, four of which are considered gopher-resistant
- A flooding compound is applied over the core and to all surfaces of the shield/armor to resist moisture entry and corrosion
- The cable is finished with a black polyethylene jacket which is sequentially printed with footage marker at regular intervals

Tech. Info & Standards

Cables with DFC suffix conform to ANSI ICEA 7CFR-1755-890.

Cables with DFO suffix conform to ANSI ICEA 7CFR-1755-089.

Standard Cables

A 0.008 in. coated aluminum black polyethylene (SEALPIC-FSF) (Part No. suffix DFC)

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

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.

Part No.	No. of Pairs	AWG	Approx. Wt. lb./1,000 ft.	Nom. O.D. (in.)
E-000624DFC	6	24	61	0.360
E-001224DFC	12	24	91	0.430
E-002524DFC	25	24	156	0.540
E-005024DFC	50	24	260	0.670
E-010024DFC	100	24	476	0.890
E-015024DFC	150	24	679	1.050
E-020024DFC	200	24	894	1.210
E-030024DFC	300	24	1,264	1.390
E-040024DFC	400	24	1,688	1.630
E-060024DFC	600	24	2,471	1.940
E-090024DFC	900	24	3,638	2.330
E-120024DFC	1200	24	4,867	2.730
E-150024DFC	1500	24	6,045	3.060
E-000622DFC	6	22	78	0.400
E-001222DFC	12	22	122	0.480
E-002522DFC	25	22	214	0.620
E-005022DFC	50	22	395	0.830
E-010022DFC	100	22	711	1.080
E-020022DFC	200	22	1,325	1.430
E-030022DFC	300	22	1,933	1.710

Gopher-Resistant Cables

A polymer-coated aluminum shield/polymer-coated steel armor and black polyethylene jacket (CASPIC-FSF) (Part No. suffix DFO). Other pair counts and AWG are available.

Part No.	No. of Pairs	AWG	Approx. Wt. lb./1,000 ft.	Nom. O.D. (in.)
E-000624DFO	6	24	87	0.390
E-001224DFO	12	24	125	0.460
E-002524DFO	25	24	196	0.570
E-005024DFO	50	24	319	0.710
E-010024DFO	100	24	540	0.910
E-020024DFO	200	24	1,013	1.260
E-040024DFO	400	24	1,809	1.640
E-060024DFO	600	24	2,642	1.970
E-120024DFO	1200	24	5,120	2.770
E-000622DFO	6	22	107	0.430
E-001222DFO	12	22	158	0.510
E-002522DFO	25	22	263	0.650
E-005022DFO	50	22	463	0.860
E-020022DFO	200	22	1,468	1.480
E-030022DFO	300	22	2,063	1.720

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

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.