



Data Master® Aerospace Cable

Quad Ethernet Designs



Construction

Four Conductor QuadraX Design
Proprietary Fluoropolymer Insulation
Fluoropolymer Tape Binder
Flat TPC Inner Braid + Round Wire TPC Outer Braid
SPC and Other Shield Configurations Available
FEP Jacket (laser markable ETFE and PFA available)

	Q10022310	Q10024016	Q10026301	Q15022034	Q15024035	Q15026311
Conductor	22(19) SPC	24(19) SPCA	26(19) SPCA	22(19) SPC	24(19) SPCA	26(19) SPCA
Overall Diameter	.186"	.161"	.137"	.271"	.239"	.205"
Capacitance (pF/ft)	13.0	13.0	14.5	8.5	8.5	8.5
Weight (lbs/mft)	29	22	18	55	43	30

1000 Base T Cat 5e Performance

Temperature Rating -55°C +150°C

All Cables Comply with RoHS and REACH Directives

Cables pass FAR 25.853, Airbus ABD0031, and Boeing Smoke & Toxicity Requirements

- ◇ Stable electrical performance supporting 1000 Base T Ethernet and Cat 5e performance over defined distances
- ◇ Lightweight and small size for high speed airborne data applications
- ◇ Silver plated copper and silver plated copper alloy conductors with tin or silver plated copper braids
- ◇ Easy termination with non-shrinkback insulation, fits standard connectors
- ◇ 100 and 150 Ohm impedance, 150°C and 200°C rated
- ◇ Supports Gigabit Ethernet, FDDI, USB, and 1394 standards