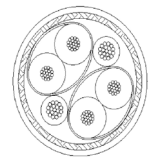
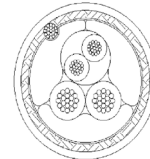
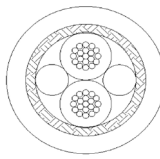
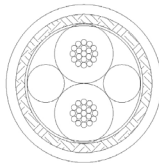




Data Master® Aerospace Cable Twisted Pair and Composites

Construction

One through Four Pairs and Composite Designs
 Proprietary Fluoropolymer Insulation
 Round Wire Braids, Tin and Silver
 FEP Jacket (laser markable ETFE and PFA available)



Part Number	E10024095	E10024096	M17/176-00002	E09026097	E11024098
	1 pair	2 pair	Twinax Databus	1 data pair + 2 power cond.	2 data pair + 2 power cond.
	24(19) SPCA	24(19) SPCA	24(19) SPCA	USB 26(19) SPCA	Fire Wire 24(19) SPCA
Outer Braid	TPC	TPC	SPC	SPC	SPC
Overall Diameter	.141"	.276"	.129"	.200"	.250"
Impedance (ohms)	100	100	77	90	110
Weight (lbs/mft)	17	35	18	29	40
Temperature Rating	150°C	150°C	200°C	200°C	200°C
Attenuation (db/100ft)					
typ/max @ 10 MHz	2.0 / 2.3	2.0 / 2.3	4.1 / 4.5	3.5 / 4.0	1.9 / 2.3
@ 100 MHz	6.8 / 7.5	6.8 / 7.5	15.4 / 17.0	12.2 / 14.6	6.5 / 7.2

All Cables Comply with RoHS and REACH Directives

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

- ◇ Databus cable and twinax (such as the MIL-DTL-17 construction M17/176-00002) streamline communication between various electronic components and avionic units in commercial aircraft, military aircraft, and military ground vehicles.
- ◇ Composite cables have been designed for minimal insertion loss and superior protection against EMI and RFI.
- ◇ Applications: In-Flight Entertainment Systems, Cabin Management Systems, USB and VGA Multimedia, Standard Definition Video, and HDTV.