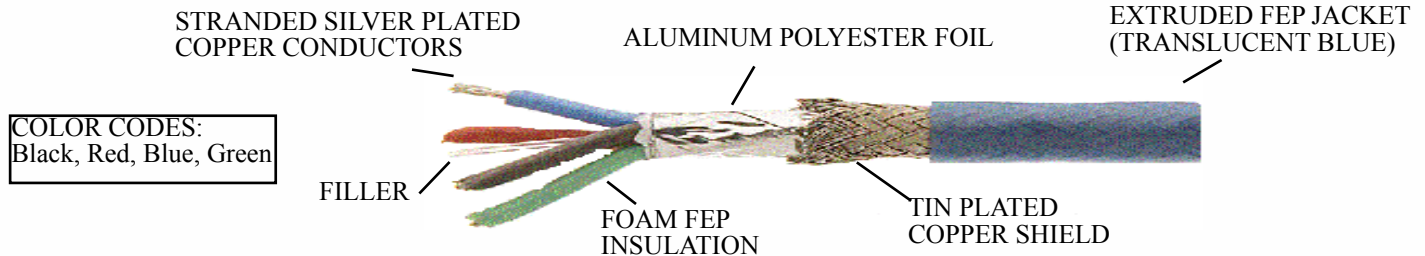


150 Ω QUAD FIBRE CHANNEL CABLE



This cable has been specially designed by PIC for airborne high-speed data applications. It is an approved cable by Honeywell for the EPIC/APEX System.

Data transmission aboard aircraft faces more severe environmental and EMI situations than conventional LAN systems in commercial buildings, hence special measures have been taken to preserve technical performance.

Each conductor is surrounded by a foam FEP insulation and is designed to be terminated in ARINC 600 quad-type connectors.

An FEP jacket protects the cable against abrasion and environmental effects while maintaining flexibility for ease of installation.

F20424 is Skydrol resistant, RoHS compliant and passes the FAA flammability requirements of FAR Part 23 and 25, Appendix F. Test results are available upon request

PHYSICAL DATA

Conductors	24 AWG Stranded SPC
Shield Coverage	90% Min
Outer Diameter (in.)	0.226
Temperature	-55° to +150°C
Weight (lbs / 100ft)	3.2

ELECTRICAL DATA

Impedance (ohms)	150
Capacitance Between Conductors (pF/ft)	8.5
Velocity of Propagation (%)	80
Attenuation (dB/100ft.) Max	
@ 10 MHz	1.9
@ 100 MHz	6.8
Dielectric Voltage Rating (KV RMS)	1.5
Structural Return Loss (SRL) (dB) Min	
@ 10 MHz	-25.0
@ 100 MHz	-20.1
Near-End Cross-Talk (NEXT) (dB) Min.	
@ 10 MHz	-50.3
@ 100 MHz	-35.3
DC Resistance (Ohms/100 ft.) Max	2.42

All values nominal unless otherwise noted.

Most Cables are in Stock and Available for Quick Delivery
Please Contact Customer Service for Details @ 262-246-0500

