

ELIO 600 OPTICAL CONNECTOR

A CONNECTOR BASED ON STANDARDS

- ARINC 600 shells
- Compatible single mode / multimode
- "Butt joint" technology

AN INNOVATIVE CONTACT SOLUTION : *ELIO*

- Spring-loaded contact with ceramic ST[®] ferrule (diameter 2,5 mm)
- Contact size equivalent to a # 16 contact
- Anti-rotation system of the contact
- Easy to mount/dismount no tool needed
- Boot-grommet: rear sealing and flexible boot.
- Devoted to up to 1.8 mm cable

APPLICATIONS

- Harsh environment High speed network
- Can support up to 1 Gbit / sec
- Full EMI environment immunity

KEY FEATURES

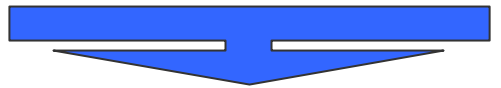
- Easy to clean connector : easy access to optical termini
- Hermaphroditic contact (same contact on the plug or receptacle)

MAIN OPTICAL PERFORMANCES

- IL typical : 0.20 dB @ $\lambda = 1300$ nm
- RL typical : -30 dB @ $\lambda = 1300$ nm

ENVIRONMENTAL CONDITIONS

- Operating temperature : -65°C/+125°C
- Compatible with military and aeronautics environmental conditions



ELIO™ 600 (32 optical ways)

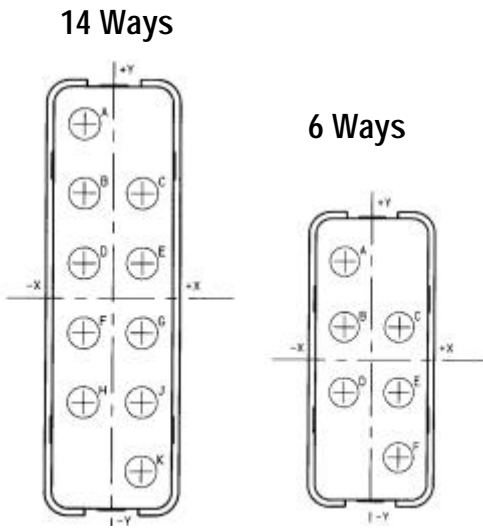


ELIO™ 600 detail of the plug

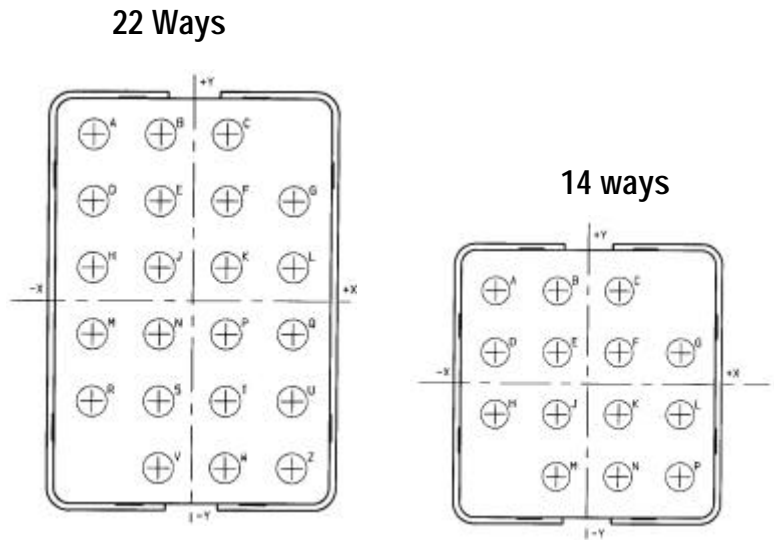
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LAYOUT EXAMPLES

Shell size 1



Shell size 2 & 3



RECOMMENDED FIBER OPTIC CABLE

	Reference	Cable diam (mm)	Fiber diam (microm) core/cladding
FILOTEX	ET132126	1,8	62,5/125
SPECTRAN <i>"Flight Guide"</i>	BC05327	1,8	62,5/125
	BC05541	1,8	100/140

For any further information do not hesitate to contact us