



Type 22759/32 Light Weight Connecting leads flexible, 150°C

high temperature and electrical arc track resistance, outstanding resistance to chemicals and solvents, flame retardant, good processability

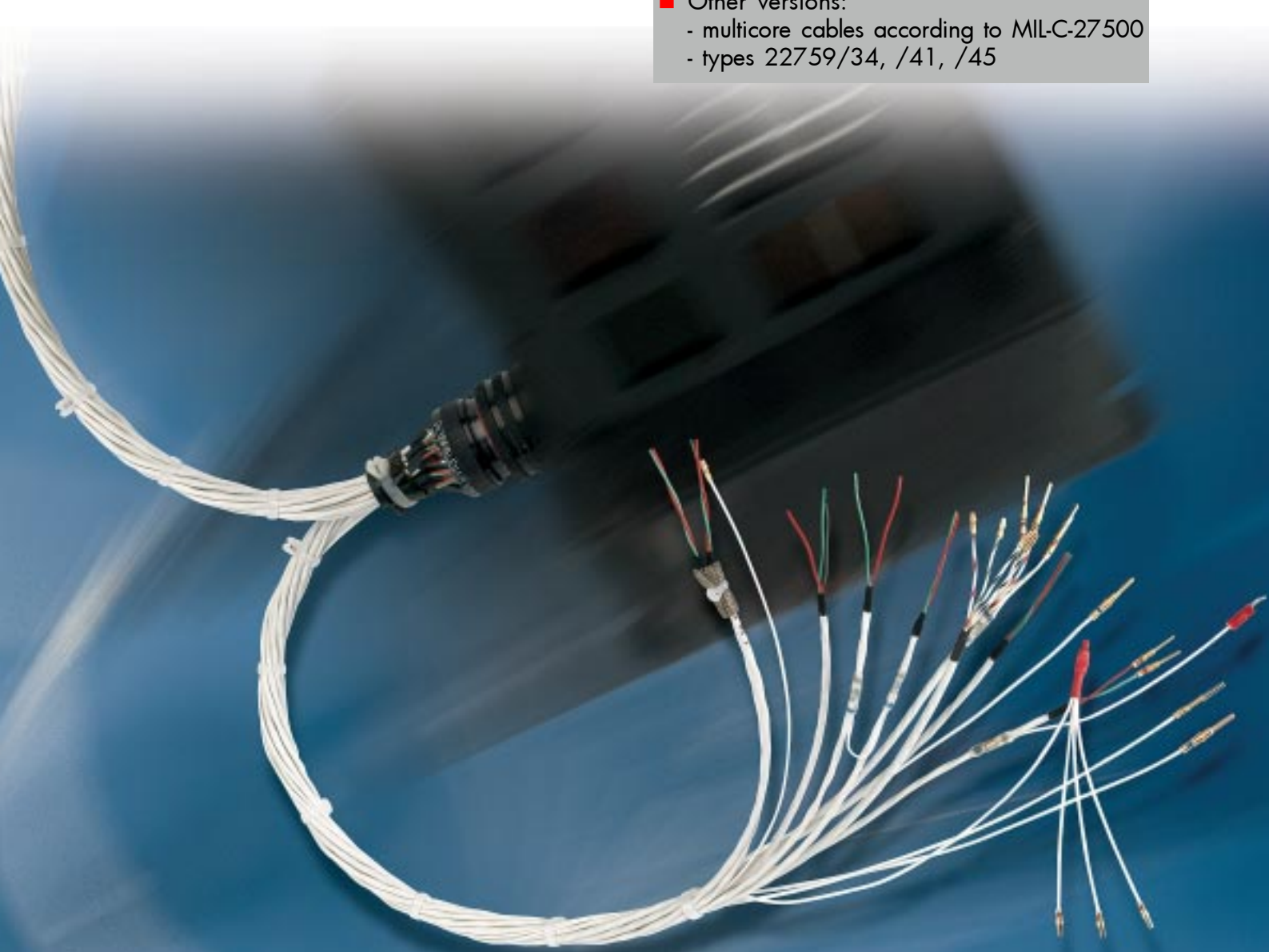
High performance wires according to MIL-W-22759/32 meet the most demanding requirements for airframe wiring and other applications, where low weight and compact design are required.

The insulation of electron beam crosslinked ETFE features high temperature, ozone and weathering resistance. In addition it is unaffected by chemical influence and has high heat pressure and abrasion resistance.

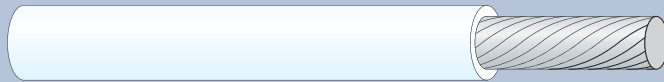
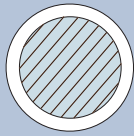
The connecting leads are easy to strip and allow automated, economic processing.

Typical applications: aircraft wiring, industrial electronics, electronic equipment and in chemically aggressive environments. Typical designs: single cores, twisted bundles with or without screen as well as with or without sheath; as element of system and hybrid cables or assemblies.

- MIL approval, QPL listed
- Temperature range -65°C to +150°C
- Voltage rating 600 V
- Dimensions according to MIL-W-22759/32
- Compact and flexible
- Other versions:
 - multicore cables according to MIL-C-27500
 - types 22759/34, /41, /45



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Conductor: stranded, tin plated copper (MIL specification)
Insulation: ETFE-X, various colors

AWG	Cross-section nom.		Conductor construction n x mm Ø	Conductor dia. max. mm	Core dia. mm	R ₂₀ IEC 60228 max. Ω/km	Weight nom. kg/100 m
	mm ²						
26	0.15		19 x 0.10	0.51	0.81 ± 0.05	135.5	0.21
24	0.25		19 x 0.13	0.61	0.94 ± 0.05	85.96	0.30
22	0.38		19 x 0.16	0.77	1.09 ± 0.05	53.15	0.42
20	0.60		19 x 0.20	0.99	1.27 ± 0.05	32.42	0.64
18	0.93		19 x 0.25	1.23	1.52 ± 0.05	20.44	0.97
16	1.25		19 x 0.29	1.40	1.73 ± 0.05	15.78	1.25
14	1.93		19 x 0.36	1.68	2.16 ± 0.08	10.04	1.95
12	2.97		37 x 0.32	2.22	2.62 ± 0.08	6.63	2.95

Technical Specification

Voltage rating	600 V
Test voltage	1500 V
Dielectric impulse test	8000 V
Temperature range	-65°C to +150°C
Max. conductor temperature at short circuit	+300°C (max. 5 s)
Min. bending radius	3 x D

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ISO 9001 and ISO 14001

Waiver

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