



Summary

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Fiber optic	2
Low Voltage	2
High Voltage	2
Wire Size/AWG	24 - 20
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.90 - 9.50 mm
Size	3K
Series	3K.93C.Y - SMPTE Hybrid

Technical details

https://www.lemo.com/int_en/solutions/specialties/3k-93c-y-smpte-hybrid/fuw-3k-93c-ysxc96.html

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Electrical Configuration

Contact Termination Low voltage	Crimp
Fiber optic	2
Insert configuration value	3K.93C - 2 FO Type F2, 2 HV + 2 LV
Rated current	10 Amps
Fiber Optic Contact	Type F2
Vtest power/signal (AC)	2250V , 1000V
Working voltage power/signal(AC)	600V , 42V
Cable type	Cable type: A SMPTE 311M or EBU R100 S
Low Voltage	2
High Voltage	2
Wire Size/AWG	24 - 20

Form & Material

Shell style / Model id	FU - Straight plug 'Y' new design, cable collet adapter and long shell for fitting a bend relief with cap (with enhanced screen efficiency)
Plug	Straight
Housing material	Special housing (see notes for details)
Locking system	Push-pull
Keying	5 keys (alpha=95, beta=115, gamma=20, delta=30, plug: female LV, male HV, female FO contacts)
Weight	105.84 g

Environment

Environmental protection (IP rating)	IP68
Minimal temperature	-40°C / +80°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]

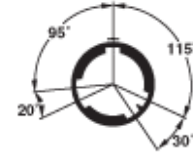
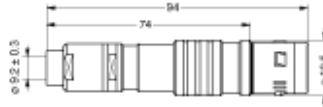
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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	8.90 - 9.50 mm

Drawings



Dimensions

	A	L	M
mm.	19.5	94	74
in.	0.77	3.7	2.91

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