



Image for illustrative purpose only

Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	2
Number of contacts High Voltage	2
Nb of contacts Fiber optic	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
Suggested matching part	PUW.3K.93C.YSEC96
Series	3K.93C.Y - SMPTE Hybrid

https://www.lemo.com/int_en/solutions/specialties/3k-93c-y-smp-te-hybrid/fuw-3k-93c-ysec96.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Technical details

Electrical Configuration

Number of contacts Low Voltage	2
Contact Termination Low voltage	Crimp
Number of contacts High Voltage	2
Contact Termination High voltage	Crimp
Nb of contacts Fiber optic	2
Insert configuration value	3K.93C - 2 FO Type F2, 2 HV + 2 LV
Rated current	10 A
Fiber Optic Contact	Type F2
Vtest power/signal (AC)	2250V , 1000V
Working voltage power/signal(AC)	600V , 42V
Cable type	SMPTE 311M or EBU R100
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	101 g

https://www.lemo.com/int_en/solutions/specialties/3k-93c-y-smpte-hybrid/fuw-3k-93c-ysec96.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Environment

Environmental sealing (IP rating)	IP68
Endurance	20000 mating cycles
Temperature range	-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]

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

Recommended By Lemo

Accessories

Replacement contact	FGW.3K.565.ZZC
Compatible cap	BFG.3K.100.EAN

Tools

Fiber Tool	WST.KI.125.34
Fiber Tool 2	DCB.91.119.0TN
Positionner	DCE.91.093.BVC
Positionner 2	DCE.91.133.BVCW
Extraction tool	DCC.09.05B.LAG
Extraction tool 2	DCC.13.15B.LAG
Spanner wrench	DCD.3E.ZZZ.PA150

https://www.lemo.com/int_en/solutions/specialties/3k-93c-y-smpte-hybrid/fuw-3k-93c-ysec96.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.