



Summary

[Request a quote](#)

[Catalog](#)

Fiber optic	2
Number of contacts Low Voltage	2
Number of contacts High Voltage	2
Wire Size/AWG	24 - 20
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.90 - 9.50 mm
Size	3K
Matching parts	FUW.3K.93C.YSMC96
Series	3K.93C.Y - SMPTE Hybrid

Technical details

https://www.lemo.com/int_en/solutions/specialties/3k-93c-y-smpte-hybrid/puw-3k-93c-yscc96.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.

Electrical Configuration

Contact Termination Low voltage	Crimp
Contact Termination High voltage	Crimp
Fiber optic	2
Contact Termination Fiber optic	Crimp
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
Contact Type	Crimp
Cable type	Cable type: A SMPTE 311M or EBU R100 S
Number of contacts Low Voltage	2
Number of contacts High Voltage	2
Wire Size/AWG	24 - 20

Form & Material

Shell style / Model id	PU - Free receptacle, 'Y' design, cable collet adapter and long shell for fitting a bend relief with cap (with enhanced screen efficiency)
Socket / Receptacle	Free
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	82.77 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]

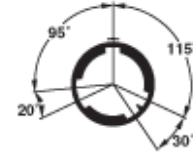
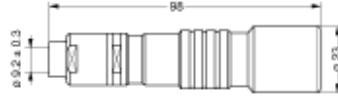
https://www.lemo.com/int_en/solutions/specialties/3k-93c-y-smpte-hybrid/puw-3k-93c-yssc96.html

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.

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
mm.	23	98
in.	0.91	3.86

https://www.lemo.com/int_en/solutions/specialties/3k-93c-y-smpte-hybrid/puw-3k-93c-yssc96.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.