



PRODUCT CATEGORY:	HD Audio - Video Hybrid Cables
PRODUCT NAME:	SMPTE ARIB Ruggedized SMPTE PUR LSZH Cold-Flex Harsh Duty PUR LSZH Cold-Flex Flex-lite 6.8mm Steadicam™

BENEFITS:
 Meets or exceeds SMPTE 311 and ARIB standards with superior resistance to cut, crush and abrasion. Ruggedized SMPTE PUR LSZH Cold-Flex is an eco-friendly, steel strength HD cable. Featuring advanced PUR, LSZH and HFFR jacket, this environmentally-friendly HD SMPTE certified cable also has HFFR inners. The stainless steel strength member meets the pull strength compressive specification and operates in extreme temperature ranges of -60°C to +80°C. Harsh Duty PUR LSZH Cold-Flex HD Cable is also eco-friendly with an aramid fiber. While ultra-flexible, this Northwire offering meets all of the same specifications as the SMPTE Harsh Environment LSZH cable listed above, the aramid fiber that serves as the strength member does not allow the SMPTE name. Flex-lite 6.8mm Steadicam™ HD Cable is powerful and featherweight. Steadicam™ technology was born in the 1970's and Northwire's progressive material selection and design reduces weight without compromising performance. Design optimized for Steadicam™ to recorder applications where cable lengths are limited to 5 meters. Featuring complete custom length cable and connector assemblies available for same day shipping in the USA and lead time options in as little as 5 days from the LEMO - Northwire European Distribution Center in the Netherlands. In the USA, Northwire will offer certified assemblies, maintenance and repair of LEMO 3K.93C SMPTE HDTV Connectors or partner with The LEMO Group world-wide for local expertise on an international scale.

DYNAMIC RANGE OF USE:	MATERIAL OPTIONS				
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Hybrid electrical and fiber, coaxial and triaxial configurations custom-configured for a host of HD Cameras and production interconnectivity.					
	SMPTE	ARIB	Ruggedized SMPTE PUR LSZH Cold-Flex	Harsh Duty PUR LSZH Cold-Flex	Flex-lite 6.8mm Steadicam™

FEATURES					
Signal	✓	✓	✓	✓	✓
Control	✓	✓	✓	✓	✓
Power	✓	✓	✓	✓	✓
Instrumentation	-	-	-	-	-

ATTRIBUTES					
Low-Temperature Rating	-40°C	-40°C	-60°C	-60°C	-40°C
High-Temperature Rating	80°C	80°C	80°C	80°C	80°C
Cold Bend	-40°C	-40°C	-60°C	-60°C	-40°C
Cold Impact	-	-	-	-	-
Impact Resistant	✓	✓	✓	✓	✓
Crush Resistant	✓	✓	✓	✓	✓
Flame Resistant	VW-1	VW-1	IEC 60332-1-2	IEC 60332-1-2	VW-1
Hazardous	-	-	-	-	-
Use in Wet Locations	✓	✓	✓	✓	✓
Oil Resistant	I	I	I	I	I
Oil Resistant to Marine Standards	-	-	-	-	-
Chemical Resistant	✓	✓	✓	✓	✓
Sunlight/UV Resistant	✓	✓	✓	✓	✓
Cut Resistant	✓	✓	✓	✓	✓
Abrasion Resistant	✓	✓	✓	✓	✓
Weld Flash Resistant	-	-	-	-	-
Weld Slag Resistant	-	-	-	-	-
Washdown Resistant	✓	✓	✓	✓	✓
Fungal Resistant	*	*	*	*	*
Anti-Rodent Additive	*	*	*	*	*
Retractable Applications	-	-	-	-	-
HFFR	-	-	✓	✓	-
LSZH	-	-	✓	✓	-
PUR	-	-	✓	✓	-

FLEXIBILITY					
Rolling Flex	✓	✓	✓	✓	✓
Bend Flex	✓	✓	✓	✓	✓

STANDARDS, AGENCY AND ENVIRONMENTAL COMPLIANCE					
UL	-	-	-	-	-
UL 758 AWM	✓	✓	-	-	-
UL 62	-	-	-	-	-
ANSI	✓	✓	-	-	-
CSA	-	-	-	-	-
CSA - AWM	-	-	-	-	-
C/UL	-	-	-	-	-
CE	✓	✓	-	-	-
NEC®	-	-	-	-	-
MSHA	-	-	-	-	-
NFPA 70	-	-	-	-	-
NFPA 79	-	-	-	-	-
ROHS2	✓	✓	✓	✓	✓
REACH	✓	✓	✓	✓	✓
FDA	-	-	-	-	-
FOOD GRADE	-	-	-	-	-
USP VI	-	-	-	-	-
PVC Free	-	-	✓	✓	-

PERFORMANCE STANDARDS					
SMPTE 311	✓	-	✓	-	-
ARIB	-	✓	-	-	-
Steadicam™	-	-	-	-	✓

Key: - Not Applicable
 ✓ Featured
 * Cost Competitive Options Available