

Product Selection Chart

	<i>XPRLTM - Oil and Gas Utility Low-Temp High Crush</i>	<i>IRZHF - Oil & Gas Utility Riser LSZH (dry) High Crush</i>	<i>IRZHx - Industrial Riser LSZH Dry Loose Tube</i>	<i>DXPCx - Chemical Resistant Harsh Environment Loose Tube</i>	<i>DRLxx - CampusLink LT™ Indoor/Outdoor Loose Tube</i>	<i>DPLDB - CampusLink LT™ Dry Indoor/Outdoor Loose Tube</i>	<i>EDHDA2JKT ETHDA2JKT - OSP All-Dielectric Rodent Resistant</i>	<i>C1181 - ExpressLT™ All-Dielectric Armored (gel or dry) Loose Tube</i>	<i>C1182 - ezDISTRIBUTION™ Riser Indoor/Outdoor Tight Buffered</i>	<i>700 - ezDISTRIBUTION™ Plenum Indoor/Outdoor Tight Buffered</i>	<i>RLTM - ezDISTRIBUTION™ Riser LSZH Indoor/Outdoor Tight Buffered</i>	<i>FAA - Mining Indoor/Outdoor Riser Loose Tube</i>	<i>Outdoor FAA All-Dielectric Loose Tube</i>
Product Family -->	XPRLTM	IRZHF	IRZHx	DXPCx	DRLxx	DPLDB	EDHDA2JKT ETHDA2JKT	C1181	C1182	700	RLTM	FAA	
Application	Low-Temp, Chemical Resistant, High Crush	Low-Temp, LSZH, High Crush	LSZH	Chemical Resistant	General Application	General Application	OSP All-Dielectric Rodent Resistant	General Application	General Application	General Application	Mining	Airports	
Cable Type	Indoor/Outdoor Loose Tube	Indoor/Outdoor Loose Tube	Indoor/Outdoor Loose Tube	Indoor/Outdoor Loose Tube	Indoor/Outdoor Loose Tube	Indoor/Outdoor Loose Tube	Outdoor Loose Tube	Indoor/Outdoor Tight Buffer	Indoor/Outdoor Tight Buffer	Indoor/Outdoor Tight Buffer	Indoor/Outdoor Loose Tube	Outdoor Loose Tube	
Tube Material	PBT	PP	PP	PBT	PP	PVDF	PP	n/a	n/a	n/a	PP	PP	
Gel Filled Tube	yes	no	no	yes	yes	no	no	n/a	n/a	n/a	yes	yes	
Fiber Count	2 to 288	2 to 288	2 to 288	2 to 216	2 to 132	2 to 144	4 to 432	2 to 144	2 to 96	2 to 24	2 to 144	2 to 60	
Qualified Fibers	ALL	No 50 µm	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	
Outer Jacket Material	PVC/CPE	LSZH	LSZH	CPE	PVC	PVDF	PE	PVC	PVC or PVDF	LSZH	PVC	PE/PVDF	
Corrugated Steel Tape Option	no	no	yes (PSP)	yes (PSP)	yes (PSP)	no	no	no	no	no	no	no	
Interlock Armor	no	no	yes	yes	yes	yes	yes	yes	yes	yes	no	no	
Flame Rating	OFNG-LSFT4 ST1	OFNR-LS FT4 ST1	OFNR-LS FT4 ST1	OFN	OFNR FT4	OFNP FT6	none	OFNR FT4	OFNP FT6	OFNR FT4	OFNR FT4	none	
MSHA Listing	no	no	no	no	no	no	no	no	no	no	yes	no	
Low Smoke	yes	yes	yes	no	no	yes	no	no	yes	yes	no	no	
Zero Halogen	no	yes	yes	no	no	no	no	no	no	yes	no	no	
Recommended for Tray Usage	Yes	Yes	Yes	Yes	no	no	no	no	no	no	Yes	no	
Installation Tensile Load (N)	4500	4500	2670 to 4500	2670 to 4500	2700	2700	4500	445 to 2670	445 to 2670	660 to 1320	4500	2700	
High Compressive Resistant	yes	yes	no	no	no	no	yes	no	no	no	yes	no	
Low Temperature Mechanicals	yes	yes	no	no	no	no	no	no	no	no	no	no	
Operating Temperature	-50°C to 70°C	-50°C to 70°C	-50°C to 70°C	-40°C to 80°C	-50°C to 70°C	-40°C to 70°C	-40°C to 70°C	-40°C to 80°C	-40°C to 80°C	-40°C to 80°C	-50°C to 70°C	-40°C to 70°C	
Installation Temperature	-30°C to 60°C	-30°C to 60°C	-30°C to 60°C	-10°C to 60°C	-10°C to 60°C	0°C to 60°C	-30°C to 60°C	-10°C to 60°C	0°C to 60°C	-10°C to 50°C	-10°C to 60°C	-30°C to 60°C	
UV Resistant Jacket	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	
Chemical Resistance (Scale: 1 to 4 with 4 being the best)	3	2	2	3	1	4	1	1	PVC 2 PVDF 4	2	1	4	

*outer jacket type is fiber count specific

FLAME RATING TERMS:

- OFN = Optical Fiber Non-conductive
- OFNG = Optical Fiber Non-conductive General Purpose
- OFNR FT4 = Optical Fiber Non-conductive riser - USA & Canada
- OFNP FT6 = Optical Fiber Non-conductive Plenum - USA & Canada
- LS ST1 = Low Smoke - USA & Canada

* Optical cables become conductive with metallic armoring wherein the "N" (non-conductive) term converts to a "C" (conductive) when metallic armor is applied. ie: OFNR vs OFCR

TUBE AND JACKET MATERIAL TERMS:

- CPE = Chlorinated Polyethylene
- LSZH = Low Smoke Zero Halogen
- PBT = Polybutylene Terephthalate
- PE = Polyethylene
- PP = Polypropylene
- PVC = Polyvinylchloride
- PVDF = Polyvinylidene Fluoride
- PSP = Inside Jacket -Steel Tape - Outside Jacket

Industrial Fiber Cable Product Chart

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