# ARMORED PATCHCORDS

Ruggedized design armored fiber optic patchcord with stainless steel tube inside the outer cable jacket for extra protection on inner fiber.

This patchcord with stronger cable structure is suitable for outdoor cabling installation that provides higher pressure resistance and rodent protection.

Make according to customer specified length and fiber mode with choices of all connector types include FC, SC, ST, LC and E2000.
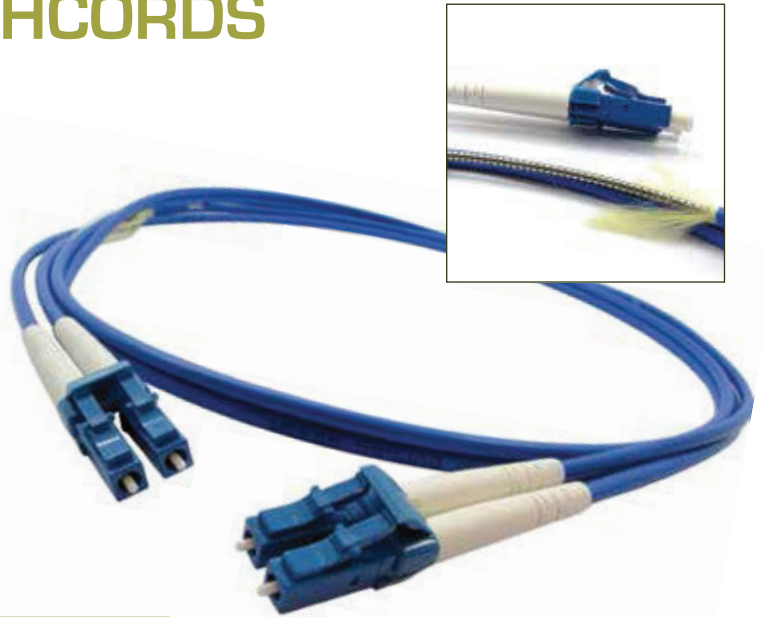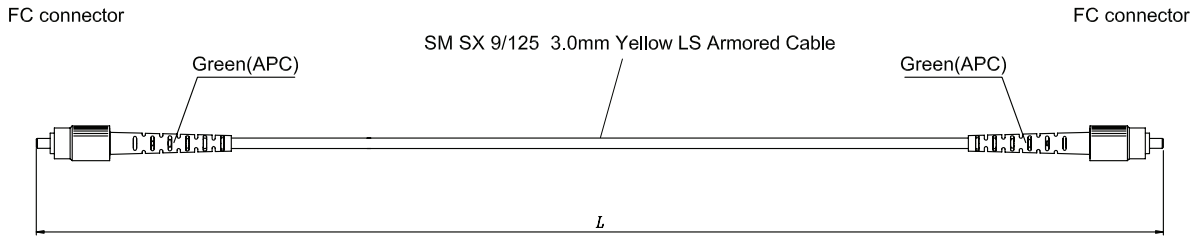
KEY FEATURES :

�▸ Higher durability and longer service life from strong pressure resistance

▸ Protects from rodents with the strong cable structure

▸ Good cable bending flexibility for easy installation

▸ All connector choices are available including FC, SC, ST, LC and E2000

Specifications

Cable Structure		Simplex Armored Cable with OD: 3.0mm (+/- 0.15mm)
		Duplex Armored Cable with OD: 3.0 x 6.0mm (+/- 0.15mm)
Connector Types		FC/SC/ST/LC/MU/E2000
Available Fiber Modes		Singlemode (OS 1/2)
		Multimode (OM1, OM2, OM3, OM4)
Jacket Material Options		Riser (OFNR)
		Low Smoke Zero Halogen (LSZH)
Jacket Color	Singlemode	OS1/OS2: Blue
	Multimode	OM1, 2, 3, 4: Grey
Optical Performance	Singlemode at 1310nm	IL ≤ 0.3dB (Typical 0.1dB)
		RL ≥ 55dB (UPC) , ≥ 65dB (APC)
	Multimode at 850nm	IL ≤ 0.3dB (Typical 0.1dB)
		RL ≥ 25dB
Operating Temperature		- 20°C to + 60°C
Maximum Tension		300N (Short Term)
		150N (Long Term)
Fiber Attenuation	Singlemode	1310nm: 0.4dB/Km
		1550nm: 0.25dB/Km
	Multimode	850nm: 3.0dB/Km
		1300nm: 1.0dB/Km
Minimum Bending Radius		≥ 30D

ARMORED PATCHCORDS

◤ SIMPLEX ARMORED PATCHCORD

FC connector   FC connector

Green(APC)   SM SX 9/125 3.0mm Yellow LS Armored Cable   Green(APC)

L

Example of Simplex Armored Patchcord - FC to FC, OS1/2, APC, LSZH, 5M
P/N: ARS11AS1L-005M

FC to FC Simplex

Item Description		Part No.[1], [2]	
Fiber Mode	End-face Polishing	Outer Jacket Material	
		OFNR Jacket	LSZH Jacket
OS1/2	APC (8 Degree)	ARS11AS1R-xxxM	ARS11AS1L-xxxM
OS1/2	UPC	ARS11US1R-xxxM	ARS11US1L-xxxM
OM1	PC	ARS11PM1R-xxxM	ARS11PM1L-xxxM
OM2	PC	ARS11PM2R-xxxM	ARS11PM2L-xxxM
OM3	PC	ARS11PM3R-xxxM	ARS11PM3L-xxxM
OM4	PC	ARS11PM4R-xxxM	ARS11PM4L-xxxM

ST to ST Simplex

Item Description		Part No.[1], [2]	
Fiber Mode	End-face Polishing	Outer Jacket Material	
		OFNR Jacket	LSZH Jacket
OS1/2	APC (8 Degree)	ARS22AS1R-xxxM	ARS22AS1L-xxxM
OS1/2	UPC	ARS22US1R-xxxM	ARS22US1L-xxxM
OM1	PC	ARS22PM1R-xxxM	ARS22PM1L-xxxM
OM2	PC	ARS22PM2R-xxxM	ARS22PM2L-xxxM
OM3	PC	ARS22PM3R-xxxM	ARS22PM3L-xxxM
OM4	PC	ARS22PM4R-xxxM	ARS22PM4L-xxxM

SC to SC Simplex

Item Description		Part No.[1], [2]	
Fiber Mode	End-face Polishing	Outer Jacket Material	
		OFNR Jacket	LSZH Jacket
OS1/2	APC (8 Degree)	ARS33AS1R-xxxM	ARS33AS1L-xxxM
OS1/2	UPC	ARS33US1R-xxxM	ARS33US1L-xxxM
OM1	PC	ARS33PM1R-xxxM	ARS33PM1L-xxxM
OM2	PC	ARS33PM2R-xxxM	ARS33PM2L-xxxM
OM3	PC	ARS33PM3R-xxxM	ARS33PM3LxxxM
OM4	PC	ARS33PM4R-xxxM	ARS33PM4L-xxxM

[1] "xxx" refers to cable length in meter, please fill up your required length by 3 digits
[2] Please specify if you need different connector in 2 ends

ARMORED PATCHCORDS

SIMPLEX ARMORED PATCHCORD

LC to LC Simplex

Item Description		Part No.[1], [2]	
Fiber Mode	End-face Polishing	Outer Jacket Material	
		OFNR Jacket	LSZH Jacket
OS1/2	APC (8 Degree)	ARS44AS1R-xxxM	ARS44AS1L-xxxM
OS1/2	UPC	ARS44US1R-xxxM	ARS44US1L-xxxM
OM1	PC	ARS44PM1R-xxxM	ARS44PM1L-xxxM
OM2	PC	ARS44PM2R-xxxM	ARS44PM2L-xxxM
OM3	PC	ARS44PM3R-xxxM	ARS44PM3L-xxxM
OM4	PC	ARS44PM4R-xxxM	ARS44PM4L-xxxM

E2000 to E2000 Simplex

Item Description		Part No.[1], [2]	
Fiber Mode	End-face Polishing	Outer Jacket Material	
		OFNR Jacket	LSZH Jacket
OS1/2	APC (8 Degree)	ARS55AS1R-xxxM	ARS55AS1L-xxxM
OS1/2	UPC	ARS55US1R-xxxM	ARS55US1L-xxxM
OM1	PC	ARS55PM1R-xxxM	ARS55PM1L-xxxM
OM2	PC	ARS55PM2R-xxxM	ARS55PM2L-xxxM
OM3	PC	ARS55PM3R-xxxM	ARS55PM3L-xxxM
OM4	PC	ARS55PM4R-xxxM	ARS55PM4L-xxxM

(1) "xxx" refers to cable length in meter, please fill up your required length by 3 digits
(2) Please specify if you need different connector in 2 ends

DUPLEX ARMORED PATCHCORD

LC Connector
LC Connector
Beige(MM)
Offwhite
DX OM3 50/125 3.0mm Aqua OR Armoured Cable
Offwhite
Beige(MM)
Fiber # 1
Fiber # 2
Fiber # 1
Fiber # 2
120±10mm
120±10mm
L
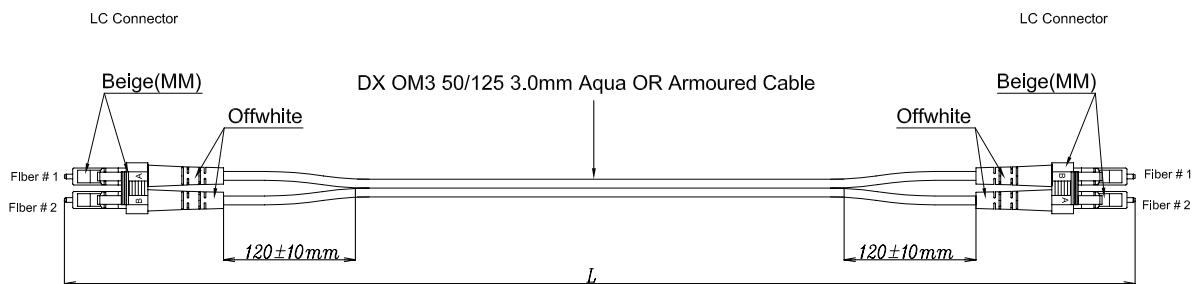
Example of Duplex Armored Patchcord - LC to LC, OM3, PC, OFNR, 10M
P/N: ARD44PM3R-010M

FC to FC Duplex

Item Description		Part No.[1], [2]	
Fiber Mode	End-face Polishing	Outer Jacket Material	
		OFNR Jacket	LSZH Jacket
OS1/2	APC (8 Degree)	ARD11AS1R-xxxM	ARD11AS1L-xxxM
OS1/2	UPC	ARD11US1R-xxxM	ARD11US1L-xxxM
OM1	PC	ARD11PM1R-xxxM	ARD11PM1L-xxxM
OM2	PC	ARD11PM2R-xxxM	ARD11PM2L-xxxM
OM3	PC	ARD11PM3R-xxxM	ARD11PM3L-xxxM
OM4	PC	ARD11PM4R-xxxM	ARD11PM4L-xxxM

(1) "xxx" refers to cable length in meter, please fill up your required length by 3 digits
(2) Please specify if you need different connector in 2 ends

ARMORED PATCHCORDS

ST to ST Duplex

Item Description		Part No.[1], [2]	
Fiber Mode	End-face Polishing	Outer Jacket Material	
		OFNR Jacket	LSZH Jacket
OS1/2	APC (8 Degree)	ARD22AS1R-xxxM	ARD22AS1L-xxxM
OS1/2	UPC	ARD22US1R-xxxM	ARD22US1L-xxxM
OM1	PC	ARD22PM1R-xxxM	ARD22PM1L-xxxM
OM2	PC	ARD22PM2R-xxxM	ARD22PM2L-xxxM
OM3	PC	ARD22PM3R-xxxM	ARD22PM3L-xxxM
OM4	PC	ARD22PM4R-xxxM	ARD22PM4L-xxxM

SC to SC Duplex

Item Description		Part No.[1], [2]	
Fiber Mode	End-face Polishing	Outer Jacket Material	
		OFNR Jacket	LSZH Jacket
OS1/2	APC (8 Degree)	ARD33AS1R-xxxM	ARD33AS1L-xxxM
OS1/2	UPC	ARD33US1R-xxxM	ARD33US1L-xxxM
OM1	PC	ARD33PM1R-xxxM	ARD33PM1L-xxxM
OM2	PC	ARD33PM2R-xxxM	ARD33PM2L-xxxM
OM3	PC	ARD33PM3R-xxxM	ARD33PM3L-xxxM
OM4	PC	ARD33PM4R-xxxM	ARD33PM4L-xxxM

LC to LC Duplex

Item Description		Part No.[1], [2]	
Fiber Mode	End-face Polishing	Outer Jacket Material	
		OFNR Jacket	LSZH Jacket
OS1/2	APC (8 Degree)	ARD44AS1R-xxxM	ARD44AS1L-xxxM
OS1/2	UPC	ARD44US1R-xxxM	ARD44US1L-xxxM
OM1	PC	ARD44PM1R-xxxM	ARD44PM1L-xxxM
OM2	PC	ARD44PM2R-xxxM	ARD44PM2L-xxxM
OM3	PC	ARD44PM3R-xxxM	ARD44PM3L-xxxM
OM4	PC	ARD44PM4R-xxxM	ARD44PM4L-xxxM

E2000 to E2000 Duplex

Item Description		Part No.[1], [2]	
Fiber Mode	End-face Polishing	Outer Jacket Material	
		OFNR Jacket	LSZH Jacket
OS1/2	APC (8 Degree)	ARD55AS1R-xxxM	ARD55AS1L-xxxM
OS1/2	UPC	ARD55US1R-xxxM	ARD55US1L-xxxM
OM1	PC	ARD55PM1R-xxxM	ARD55PM1L-xxxM
OM2	PC	ARD55PM2R-xxxM	ARD55PM2L-xxxM
OM3	PC	ARD55PM3R-xxxM	ARD55PM3L-xxxM
OM4	PC	ARD55PM4R-xxxM	ARD55PM4L-xxxM

[1] "xxx" refers to cable length in meter, please fill up your required length by 3 digits
[2] Please specify if you need different connector in 2 ends