



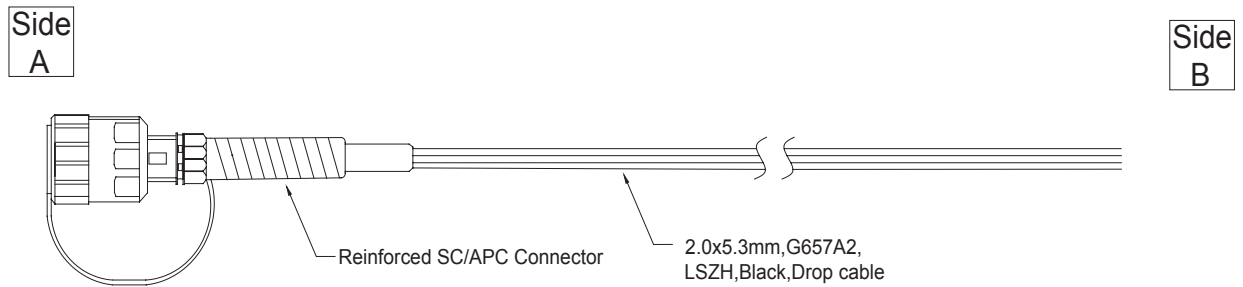
**ONECLICK**



**PRECONNECT HC  
SELSUPPORTING  
FLAT DROP CABLE  
ONECLICK**

AR-2PEUFS-1F-G657A2-  
1HC-SC/APC-xxM

## STRUCTURE DIAGRAM



## DESCRIPTION

This product is an optical single mode G657A2 Drop cable with reinforced SC/APC Connector at one end, and the other end is open. The connector ferrule is made of Zirconia Cable construction AR-2PEUFS-1F-G657A2-1HC-SC/APC-xxM, bow type drop cable

TYPE	LENGTH (M)
AR-2PEUFS-1F-G657A2-1HC-SC/APC-xxM	
AR-2PEUFS-1F-G657A2-1HC-SC/APC-30M	30
AR-2PEUFS-1F-G657A2-1HC-SC/APC-50M	50
AR-2PEUFS-1F-G657A2-1HC-SC/APC-80M	80
AR-2PEUFS-1F-G657A2-1HC-SC/APC-100M	100
AR-2PEUFS-1F-G657A2-1HC-SC/APC-120M	120
AR-2PEUFS-1F-G657A2-1HC-SC/APC-150M	150
AR-2PEUFS-1F-G657A2-1HC-SC/APC-200M	200

LENGTH (M)	TOLERANCES (MM)
$L \leq 10$	+300/0
$L \leq 30$	+150/0
$L > 30$	+1000/0

## PARTS

**Connector Side A**  
**Connector Side B**  
**Cable**

Reinforced SC/APC Connector, per IEC 61754-4  
 Open  
 LSZH, Black

## OPTICAL DATA

### Fiber

### Cable

### Fiber

G657A single mode

### Fiber count

1 fiber

### Cable attenuation

 $\leq 0.36 \text{ dB/km}$        $\lambda = 1310 \text{ nm}$   
 $\leq 0.22 \text{ dB/km}$        $\lambda = 1550 \text{ nm}$ 

### Cable assembly

#### Insertion loss

Max.  $0.3 \text{ dB} + 0.36 \text{ dB/km} * L(\text{km}) @ 1310 \text{ nm}$   
 Max.  $0.3 \text{ dB} + 0.22 \text{ dB/km} * L(\text{km}) @ 1550 \text{ nm}$   
 According to IEC 61300-3-4 Method B

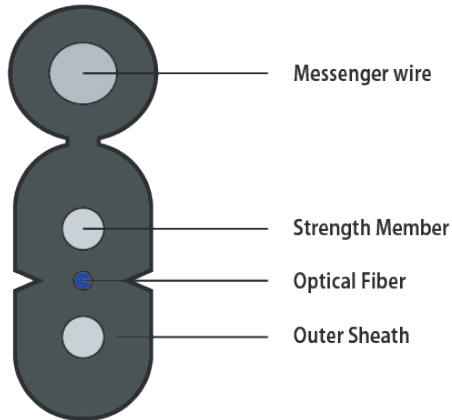
#### Return loss

Min.  $60 \text{ dB} @ 1310 \& 1550 \text{ nm}$   
 According to IEC 61300-3-6

Items		Descriptions
Strength Member	Material	KFRP(Kevlar fiber reinforced plastics)
	Diameter	0.5 mm
Messenger wire	Material	Galvanized steel wire with EAA
	Diameter	1.2 mm
	Material	Low friction LSZH
Outer Sheath	Thickness	$\geq 0.4 \text{ mm}$
	Color	Black
Cable Diameter		$5.3(\pm 0.2) * 2.0(\pm 0.2) \text{ mm}$
Cable Weight	Net Weight	Approx. 22kg/km

## CABLE STRUCTURE

Outer diameter 2.0\*5.3 +/- 0.2 mm



## MECHANICAL DATA

### Min. bending radius

Static	30 mm
Dynamic	50 mm

### Max. Tension Strenght

Long term	300 N
Short term	1000 N

**Crush resistance** 2000N/10cm

**Durability** 500 times the insertion  
loss change  $\leq 0.2$  dB

## PACKING

