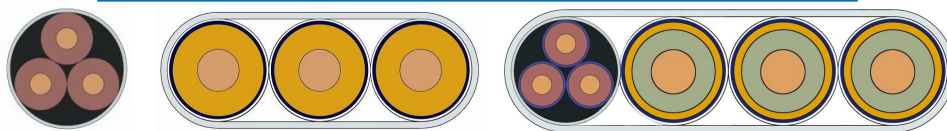


# ESP Cable Solutions Co.,Ltd



## DOWNHOLE FIBER OPTIC CABLE SPECIFICATION

**OPTIC FIBER:** 2EA SINGLE MODE+1EA MULTI MODE FIBER

**OPTIC FIBER PROTECTION TUBE:** 1.8MM OD 304 SS TUBE

**TAPE OUTSIDE 304 TUBE:** HIGH TEMPERATURE POLYMER TAPE

**INNER TUBE:** 3.6MM OD A316L STAINLESS STEEL TUBE

**OUTER TUBE:** 4MM OD 825 ALLOY TUBE

<b>A.</b>	2EA SINGLE MODE FIBER AND 1EA MULTI MODE FIBER FIBERS ARE CARBON-HIGH TEMPERATURE ACYLATE COATING
<b>B.</b>	304 STAINLESS STEEL TUBE: WALL THICKNESS: 0.18-0.20mm, OD 1.80mm HIGH TEMPERATURE POLYMER TAPE WRAPPING: OD WITH WRAPPING: 3.0mm
<b>C.</b>	A316L STAINLESS STEEL TUBE: WALL THICKNESS: 0.30mm, OD 3.60mm
<b>D.</b>	A825 ALLOY TUBE: WALL THICKNESS: 0.20mm, OD 4.0mm

PHYSICAL CHARACTERISTICS	DATA VALUES	
EXTERNAL COLLAPSE PRESSURE	16800	psi
RATED WORKING PRESSURE	8000	psi
TENSILE STRENGTH MIN.	4.0	KN
CABLE WEIGHT	62.5	kg/km
TEMPERATURE RATING	175	°C

