

# OPTIX Cable AIRFLOW S-QOTKSdD 0.8kN (up to 80m SPAN - NESC Heavy)

9/125 ITU-T G.657A2

## FEATURES:

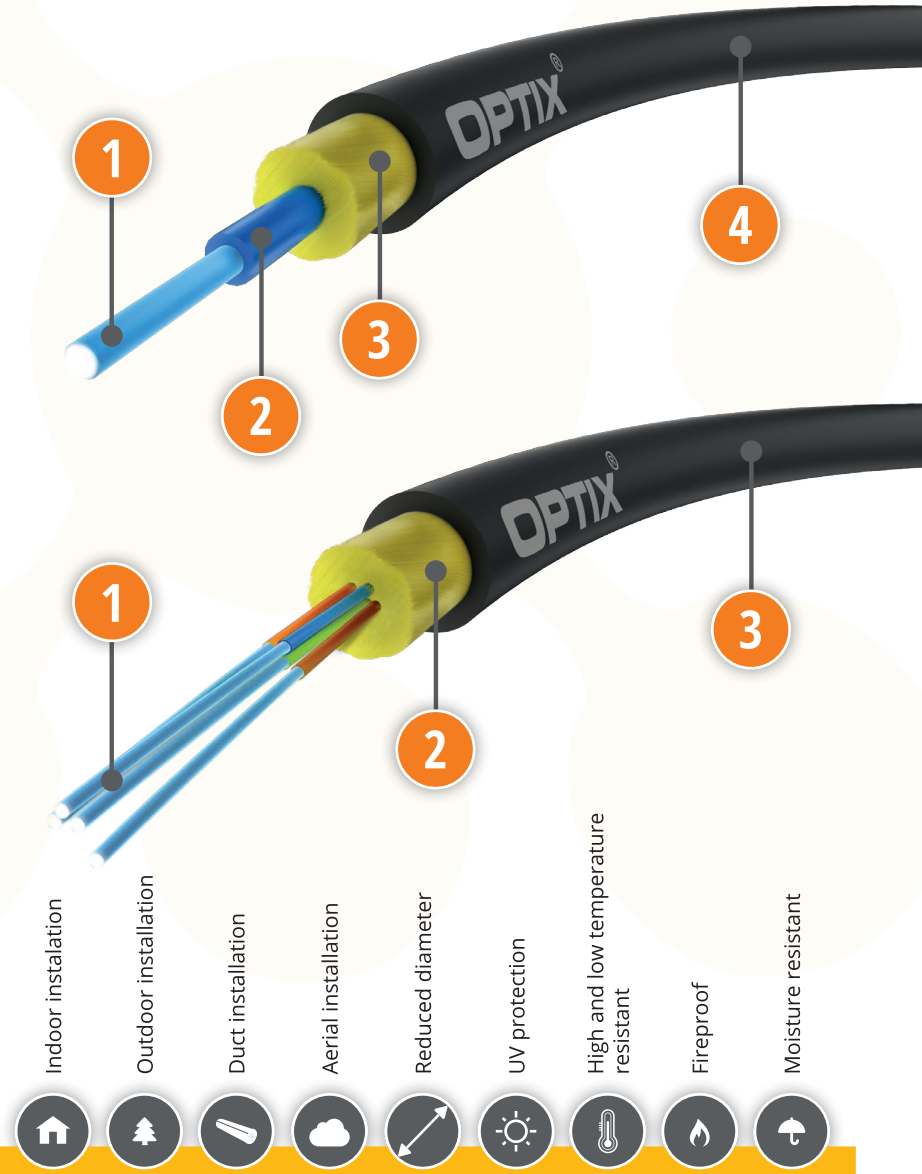
- Cable to outdoor / indoor installation
- Span (NESC Heavy) up to 80 meters (0.8kN)
- Fully dielectric construction
- Resistance to high and low temperatures
- Enhanced by high quality aramid yarns
- Small diameter ~3mm
- Reduced bend radius - G.657A2 fibers
- Solid FR Polyurethane jacket

### CABLE CONSTRUCTION 1F

1. Optical fibers in 0.25mm coating
2. Colored Buffer 0.9mm (tight buffer)
3. Aramid yarns
4. FR Polyurethane, UV Stabilized

### CABLE CONSTRUCTION 2-12F

1. Optical fibers in 0.25mm colored coating
2. Aramid yarns
3. FR Polyurethane UV Stabilized



### Product Information

Cable version	The total amount of fibers [pcs]	Weight [kg/km] (±10%)	Ø Cable [mm] (±0.1)	Ø Tube [mm] (±0.15)	Supporting element / Peripheral reinforcement	Reinforcing element	Coating material & thickness [mm] (±5%)	Temp. range installation	Temp. range operating, transport	Minimum bending radius temporary/permanent
OT1F	1	9	2.9	None	Aramid yarns	FR PU (0.70)	-10° to +60° C	-20° to +70° C	15D/10D	
OT2F	2	7.8	2.9	None	Aramid yarns	FR PU (0.70)	-10° to +60° C	-20° to +70° C	15D/10D	
OT4F	4	7.9	2.9	None	Aramid yarns	FR PU (0.70)	-10° to +60° C	-20° to +70° C	15D/10D	
OT6F	6	8.6	3.1	None	Aramid yarns	FR PU (0.70)	-10° to +60° C	-20° to +70° C	15D/10D	
OT8F	8	9.8	3.4	None	Aramid yarns	FR PU (0.70)	-10° to +60° C	-20° to +70° C	15D/10D	
OT12F	12	9.8	3.4	None	Aramid yarns	FR PU (0.70)	-10° to +60° C	-20° to +70° C	15D/10D	

Mechanical parameters	EN standard	IEC standard	1F	2-4F	6-12F
Tensile Strength Installation (NESC Heavy)	EN 187000	IEC 60794-1-2-E1	800N	800N	800N
Tensile Strength Operation (NESC Heavy)	EN 187000	IEC 60794-1-2-E1	600N	600N	600N
Crushing resistance	EN 187000, m. 504	IEC 60794-1-2-E3	500N (100x100mm) for 60 sec.		
Repeated bending	EN 187000, m. 507	IEC 60794-1-2-E6	30 cycles [(20xD), 1Kg]		