



UTEX UKRAINE L.L.C. Ukraine,  
14034, Chernigiv,  
Rokosovskogo str. 70,  
office 214  
Individual Code: 38510082  
tel.:+380 462 697 107;  
www.utexua.com

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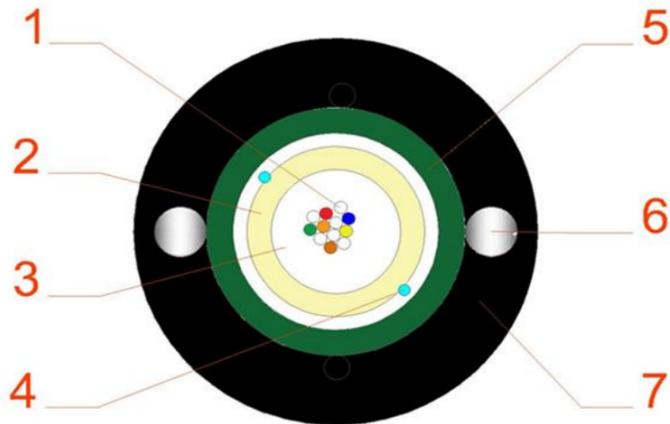
# OPTICAL CABLE

## A-DQ(ZM-SR)2Y-xxE-2,7kN

### OK3(62,7)T-xx

### ID: G27TxQ

#### Cable Design      Application      Properties



- Direct burying
- Cable duct

- Rodent protection

1. Optical fiber	Single-mode Rec. ITU-T G.652.D
2. Loose Tube	Polybutylene terephthalate (PBT)
3. Filler	Thixotropic filling compound (gel)
4. Water blocking element	Water blocking yarn
5. Corrugated steel armour	Steel tape
6. Peripheral strength member	Steel wire
7. Protection jacket	Polyethylene (HDPE), black

#### Technical data

	G27T1Q	G27T2Q	G27T3Q	G27T5Q	G27T7Q	G27TAQ	G27TEQ
Optical fiber/Manufacturer	Single-mode Rec. ITU-T G.652.D / Corning®						
Cladding Diameter	(±0,7), µm						
Coating Diameter	(±5), µm						
Attenuation	(λ= 1310 nm), dB/κm						
	(λ= 1550 nm), dB/κm						
Number of optical fibers	<b>1</b>	<b>2</b>	<b>4</b>	<b>8</b>	<b>12</b>	<b>16</b>	<b>24</b>
Central tube diameter	(±0,2), mm						
Cable diameter	(±0,5), mm						
Cable weight	(±5%), kg/km						
Max. Tension	Installation, kN						
	Operational, kN						
Crush resistance, N/10 cm	3000						
Delivery Lengths	(±100), m						
Temperature range	Operation, °C						
	Installation, °C						
	Storage, °C						
Min. bending radius	20xOD						

\* - other lengths available upon agreement

#### Identification

Optical fibers*	
Central Loose Tube	1 NAT
Cable marking	<p>The cable is marked in yellow every 1 meter of length by inkjet printing</p> <p><b>UTEX 20yy A-DQ(ZM-SR)2Y-xxE-2,7kN G27TxQ ZZZZ m</b></p> <p>where: yyyy - year; xx - the number of optical fibers in the cable; ZZZZ - sequential length mark.</p>

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