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# OPTICAL CABLE

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

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

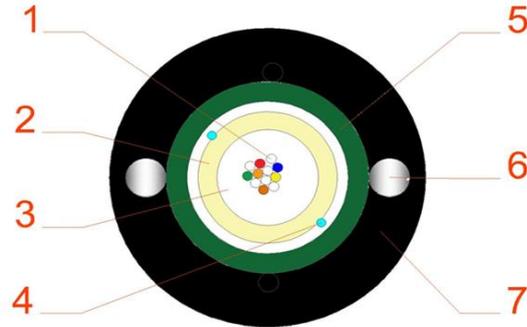
### ID: G27TxQ

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#### 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						125	
Coating Diameter	(±5), µm						242	
Attenuation	(λ= 1310 nm), dB/km						≤ 0,32	
	(λ= 1550 nm), dB/km						≤ 0,22	
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						2,5	
Cable diameter	(±0,5), mm						8,2	
Cable weight	(±5%), kg/km	79,0					80,0	
Max. Tension	Installation, kN						2,7	
	Operational, kN						1,5	
Crush resistance, N/10 cm							3000	
Delivery Lengths	(±100), m						2000 / 4000 *	
Temperature range	Operation, °C						-40 ... +70	
	Installation, °C						-10 ... +50	
	Storage, °C						-40 ... +70	
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>where: yyyy - year; xx - the number of optical fibers in the cable; ZZZZ - sequential length mark.</p>

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