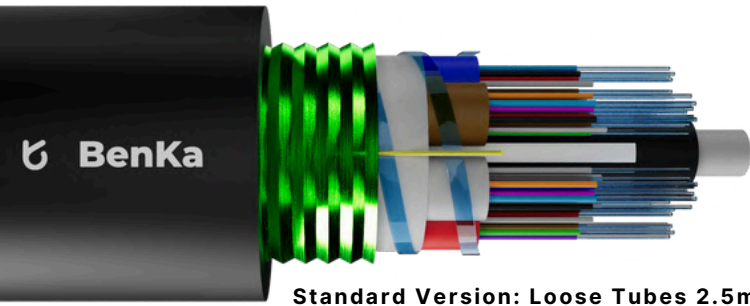


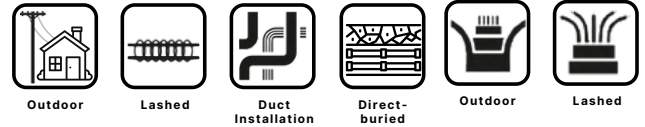
# BK-OSPC-SJSAD

Single-Jacket Single-Armored Cable DRY

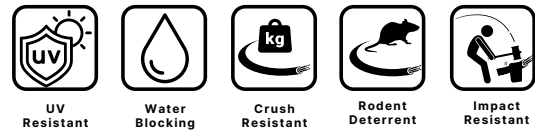


Standard Version: Loose Tubes 2.5mm

## APPLICATIONS



## PROTECTIONS



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### FEATURES & BENEFITS

BenKa's Single Jacket, Single Armor Cable Dry is designed primarily for campus Backbones in direct-buried or duct installations, as well as aerial installations via lashing.

### EASY TO STRIP DESIGN

The jacket is easy to open with basic tools, the polyethylene Jacket can be easily separated from the steel armor without a heatgun or torch. With a high-strength ripcord under the armor for easy stripping.

### ARMORED CONSTRUCTION

Its corrugated steel armor makes it a rugged cable that performs exceptionally against compression. The single-armored construction provides additional crush and rodent protection.

### DRY WATER-BLOCKING TECHNOLOGY

Completely Gel-free cable design allows for fast, clean and cost-effective cable preparation and termination. The water-blocking materials are easy to remove for a hassle-free installation process.

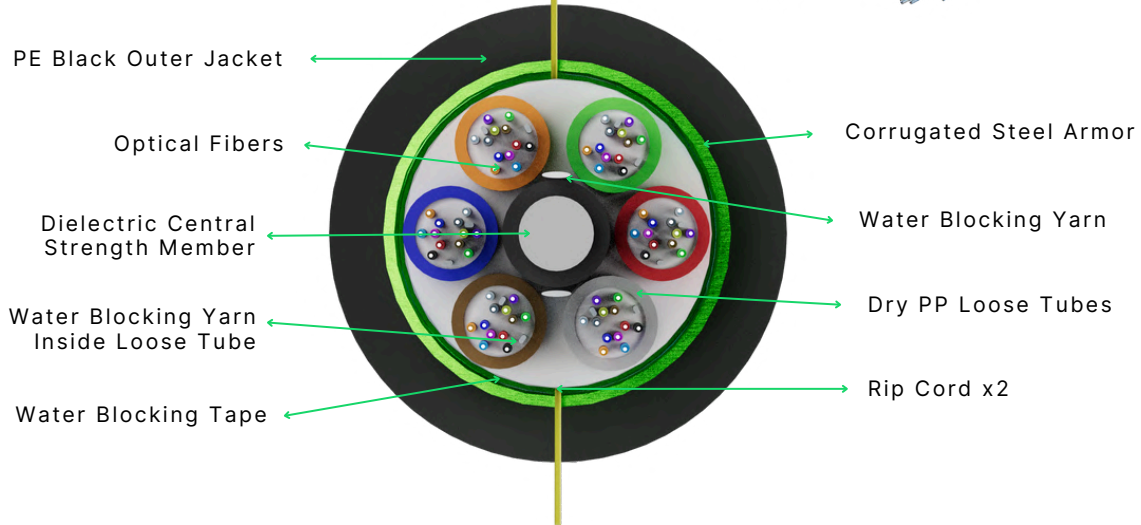
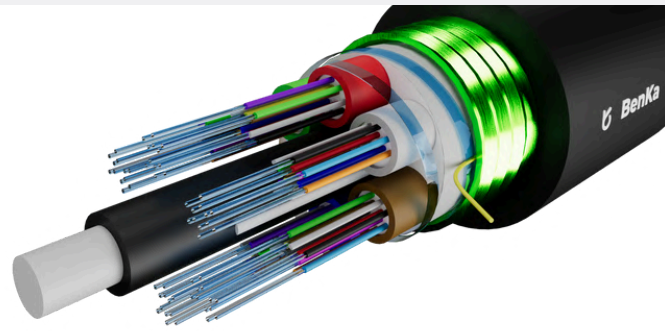
### HIGHLY ROBUST & DURABLE

It's Polyethylene Jacket, is Rugged, durable and easy to strip, while provides exceptional protection against UV radiation, and abrasion and other environmental hazards. Clear sheath markings enable positive identification and length tracking.

### PERFORMANCE AND CERTIFICATIONS

This Cable complies or exceeds the following international standards: Telcordia GR-20, ANSI/ICEA S-87-640 and IEC 60794, ensuring high-quality and reliable performance. All Drums include a test report certificate.

## FEATURES AND DIMENSIONS



Design	
Fiber per Tube	6 - 12
Fiber Color Code / Loose Tube Color Code	
Dielectric Central Strength Member	FRP
Outer Jacket Material / Thickness	Polyethylene / 1.6 mm (0.06 in)
Loose Tube Material / Diameter	2.5 mm (0.1 in)
Drum Length	10,000 ft, 15,000 ft & 20,000 ft (±5%)
Temperature Range	
Operation	-40°C to 70°C (-40° F to 158° F)
Installation	-30°C to 70°C (-22° F to 158° F)
Storage / Transport	-40°C to 70°C (-40° F to 158° F)
Mechanical Properties	
Crush Resistance (Short-Term/Long-Term)	4,400 N/100 mm / 2,200 N/100 mm
Minimum Bend Radius (Operation/Installation)	10 x OD / 20 x OD

**IMPORTANT:** BenKa recommends storing the cable in a temperature-controlled environment prior to installation, so that the cable temperature adjusts to the recommended installation temperature range, ensuring the best installation results.

## DIMENSIONS & PROPERTIES

Fiber Count	Loose Tube / Fillers	Cable Weight (kg/km) (lb/kft) (± 10%)	Tensile Strength (N) (lbf) Long-Term/Short-Term	Nominal Outer Diameter (mm) (in) (± 5%)	Dielectric Central Strength Member Diameter (mm) (in) (Without PE / With PE)
6-12	1/5	157 (105)	890/2,700 (200/607)	12.5 (0.49)	2.6 (0.1)
24	2/4	157 (105)	890/2,700 (200/607)	12.5 (0.49)	2.6 (0.1)
36	3/3	157 (105)	890/2,700 (200/607)	12.5 (0.49)	2.6 (0.1)
48	4/2	157 (105)	890/2,700 (200/607)	12.5 (0.49)	2.6 (0.1)
60	5/1	157 (105)	890/2,700 (200/607)	12.5 (0.49)	2.6 (0.1)
72	6/0	157 (105)	890/2,700 (200/607)	12.5 (0.49)	2.6 (0.1)
96	8/0	170 (114)	890/2,700 (200/607)	14.1 (0.56)	3/4.2 (0.12/0.17)
144	12/0	241 (162)	890/2,700 (200/607)	17.3 (0.68)	317.4 (0.12 / 0.29)
192	16/2	275 (185)	890/2,700 (200/607)	18 (0.71)	2.6 (0.1)
216	18/0	275 (185)	890/2,700 (200/607)	18 (0.71)	2.6 (0.1)
288	24/0	296 (199)	890/2,700 (200/607)	20.4 (0.80)	3/5 (0.12/0.2)
432	36/0	353 (237)	890/2,700 (200/607)	23.5 (0.93)	2.6 (0.1)

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## PRINTED DETAILS ON THE OUTER JACKET



The marking can be customized according to each client's requirements

## TRANSMISSION PERFORMANCE BY FIBER TYPE

Fiber Type	Single Mode		
BenKa Fiber Type	G652.D	G657.A1	G657.A2
BenKa Fiber Code	SM	A1	A2
Wavelength (nm)	1310/1550		
Max.attn. (dB/km) (1)	0.36/0.25		0.4/0.3

## ORDERING INFORMATION

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FAMILY: OUTSIDE PLANT CABLES  
SUBFAMILY: SINGLE JACKET, SINGLE ARMOR, DRY  
ACRONYM: SJSAD

PART NUMBER: BK-OSPC-SJSAD-**XX**-**XXX**

### FIBER TYPE

**SM** - SINGLE MODE G652D  
**A1** - SINGLE MODE G657A1  
**NZ** - SINGLE MODE G655 NZDS  
**M1** - MULTIMODE 62.5/125  
**M2** - MULTIMODE 50/125  
**M3** - MULTIMODE 50/125 10 GBS  
**M4** - MULTIMODE 50/124 40 GBS

### FIBER COUNT

**012** - 12 FIBERS  
**024** - 24 FIBERS  
**036** - 36 FIBERS  
**048** - 48 FIBERS  
**060** - 60 FIBERS  
**072** - 72 FIBERS  
**096** - 96 FIBERS  
**144** - 144 FIBERS  
**192** - 192 FIBERS  
**216** - 216 FIBERS