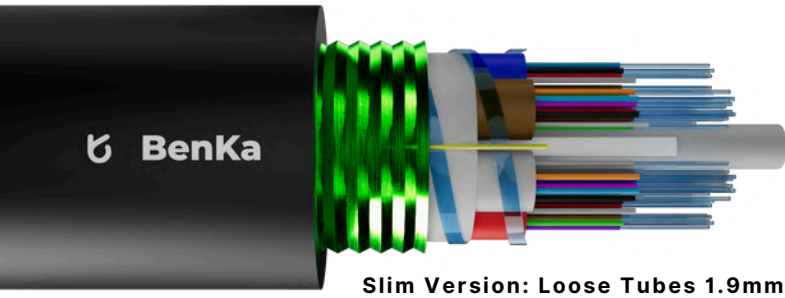
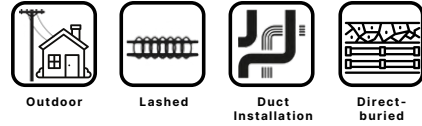


BK-OSPC-SJSASD

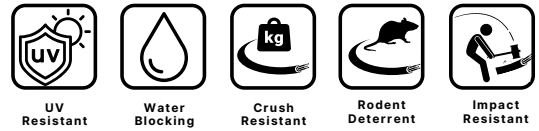
Single-Armored Single-Jacket Slim Cable Dry / PP



APPLICATIONS



PROTECTIONS



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FEATURES & BENEFITS

BenKa's Single Jacket, Single Armor Slim & Dry Cable 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.

REDUCED DIAMETER, MORE LIGHTWEIGHT

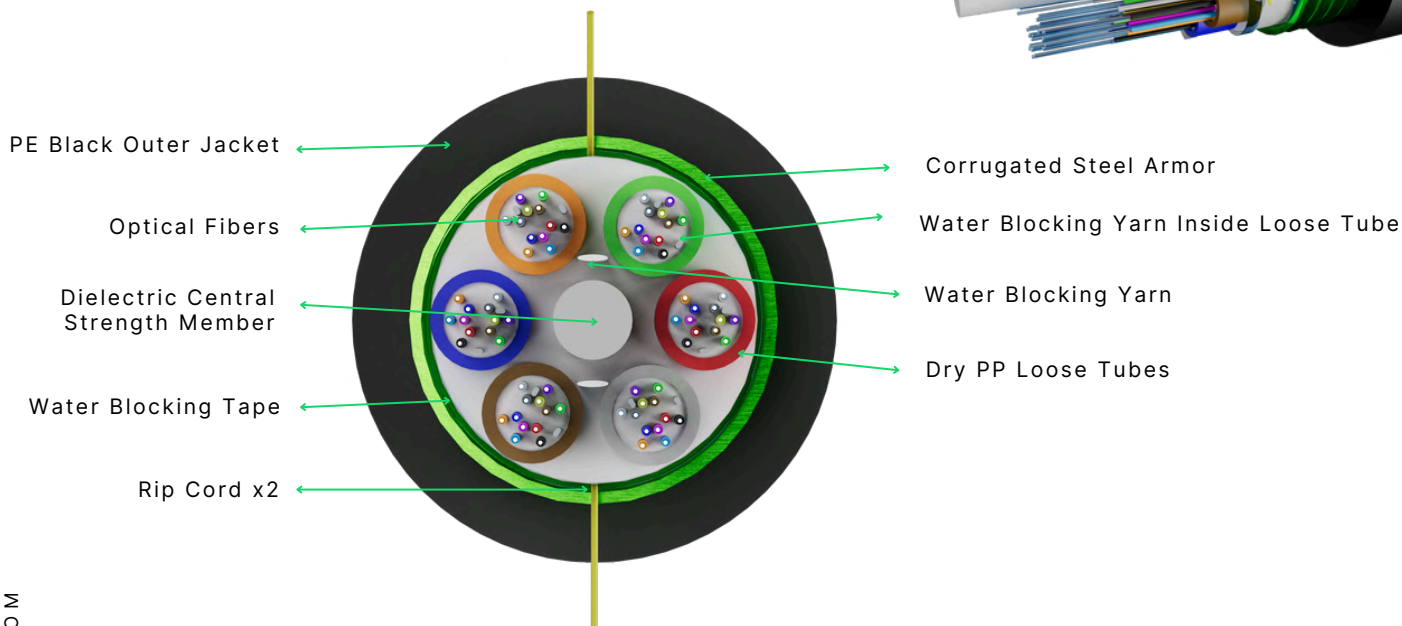
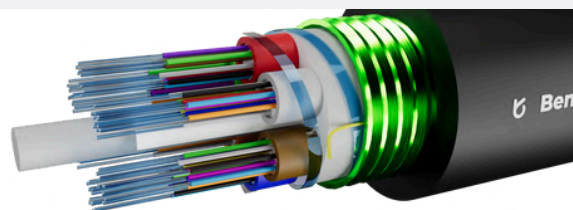
Reduced diameter and weight increases cost effectiveness and performance. It's reduced diameter allows longer continuous cable reel lengths, which may result in fewer splices needed for a deployment. Over long distances, the potential cost savings created by reduced splicing can be substantial.

The lighter weight of the BenKa Slim Single Jacket Single Armored Cable can help to lower cable pulling tensions. This reduction can result in increased cable pulling lengths; lower installation costs by allowing longer distances between pulling handholes; and faster installation speeds. In the case of aerial deployments, a lighter weight cable can also decrease loads on poles.

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



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Design	
Fiber per Tube	2-12
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	PP / 1.9 mm (0.07 in)
Drum Length	5,000 ft, 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.

FEATURES AND DIMENSIONS

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)
2-12	1/5	110 (74)	600 / 2,000 (135/450)	10.7 (0.42)	2 (0.08)
24	2/4	110 (74)	600 / 2,000 (135/450)	10.7 (0.42)	2 (0.08)
36	3/3	110 (74)	600 / 2,000 (135/450)	10.7 (0.42)	2 (0.08)
48	4/2	110 (74)	600 / 2,000 (135/450)	10.7 (0.42)	2 (0.08)
60	5/1	110 (74)	600 / 2,000 (135/450)	10.7 (0.42)	2 (0.08)
72	6/0	110 (74)	600 / 2,000 (135/450)	10.7 (0.42)	2 (0.08)
96	8/0	139 (93)	600 / 2,000 (135/450)	11.9 (0.47)	3.2 (0.13)
144	12/0	183 (123)	600 / 2,000 (135/450)	14.2 (0.56)	3 / 5.5 (0.12 / 0.22)
192	16/2	194 (131)	600 / 2,000 (135/450)	15 (0.6)	2 (0.08)
216	18/0	194 (131)	600 / 2,000 (135/450)	15 (0.6)	2 (0.08)
288	24/0	226 (152)	600 / 2,000 (135/450)	16.7 (0.66)	2.6 / 3.7 (0.1 / 0.15)
432	36/0	264 (177)	600 / 2,000 (135/450)	16.7 (0.66)	2 (0.08)

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	G655.C
BenKa Fiber Code	SM	A1	A2	B3
Wavelength (nm)		1310/1550		1550/1625
Max.attn. (dB/km) (1)	0.36/0.25	0.36/0.25	0.4/0.3	0.25/0.27
Cable Marking Specifications	G652.D	G657.A1	G657.A2	G655.C

ORDERING INFORMATION

FAMILY: OUTSIDE PLANT CABLES

SUBFAMILY: SINGLE JACKET, SINGLE ARMOR, SLIM, LOOSE TUBE DRY

ACRONYM: SJSASD

PART NUMBER: BK-OSPC-SJSASD-**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