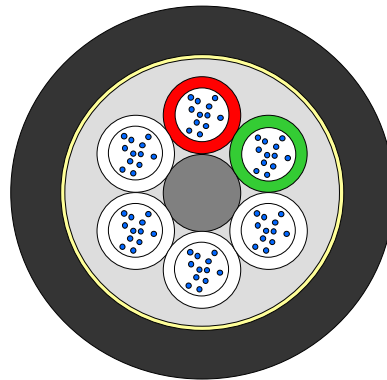


## UC2000 ST-A+ nx12 ... PE

### FO Outdoor Cables with stranded loose tube A-DQ(ZN)B2Y 6000N

#### Application

FO outdoor cables with stranded tubes are required for access networks in case a high number of fibres is necessary. They are suitable for outdoor duct and direct buried installation. The loose tube design allows a high concentration of fibres and therewith simplifies fibre management in distribution arrangements. The cable is UV resistant, non-metallic, rodent protected, longitudinal watertight with **high** tensile strength and suitable for direct burial.



#### Cable lay up

##### Central Element

round element out of glass fiber reinforced plastic

##### Tube

with 12 fibres: core dimensions 1.7/2.3 mm, with 24 fibres: core dimensions 2.0/2.8 mm, if necessary: blind elements with equal dimensions

##### Strength Members

strengthened layer of glass rovings as a metal free rodent protection (class 2) and swellable tapes for longitudinal water tightness

##### Outer Sheath

Polyethylene (PE), sheath colour black

#### Identification

##### Fibre Colour Code

Fibre 1-12: red, green, blue, yellow, nature, brown, gray, violet, turquoise, black, orange, pink  
 Fibre 13-24: same colours with additional black ring marking

##### Core colour code

125 Counting core generally red, yellow 9/125, green 50/125, blue 62.5/125

##### Sheath Marking

white printing  
**DRAKA COMTEQ UC2000 ST-A+ 4x12G50/125 PE**

## UC2000 ST-A+ nx12 ... PE

### FO Outdoor Cables with stranded loose tube A-DQ(ZN)B2Y 6000N

#### Properties

<b>Temperature Range</b>	IEC 60794-1-2 F1	
	during operation	- 30 °C upto + 60 °C
	operation ( $\Delta\alpha < 0.1$ dB/km)	- 40 °C upto + 60 °C
	during laying	- 5 °C upto + 60 °C
	during transport/storage	- 40 °C upto + 60 °C
<b>Bending Radius</b>	during installation	> 210 mm
	during operation	> 160 mm
<b>Crush</b>	IEC 60794-1-2 E3	3000 N
<b>Tensile Force</b>	IEC 60794-1-2 E1	4000 N (permanent)
<b>Impact</b>	IEC 60794-1-2 E4	25 Nm
<b>Longitudinal water tightness</b>	IEC 60794-1-2 F5	passed

#### Technical data

Product code	Build up	Number of fibres	Fibre type	Outer diameter mm	Weight kg/km	Gross weight kg	Drum size	Short term tensile force N	Standard delivery length m
CL4292450	2x12	24G	50/125					6000	2000
CL4293650	3x12	36G							
CL4294850	4x12	48G							
CL4226050	5x12	60G							
CL4227250	6x12	72G							
	2x12	24G	62.5/125	13.0	140	421	121	6000	2000
CL4241050	3x12	36G							
CL4241150	4x12	48G							
CL4241250	5x12	60G							
CL4241350	6x12	72G							
CL4222050	2x12	24E	9/125					6000	2000
	3x12	36E							
CL4221950	4x12	48E							
	5x12	60E							
	6x12	72E							
CL4221850	8x12	96E	9/125	14,5	170	481			
CL4229650	8x12	96	50/125	14.5	170	481			
CL4232050	10x12	120	50/125	16.0	220	610	141		
CL4234450	12x12	144	50/125	17.5	260	770	161		
CL4241450	6x24	144	62.5/125						

D = outer cable diameter