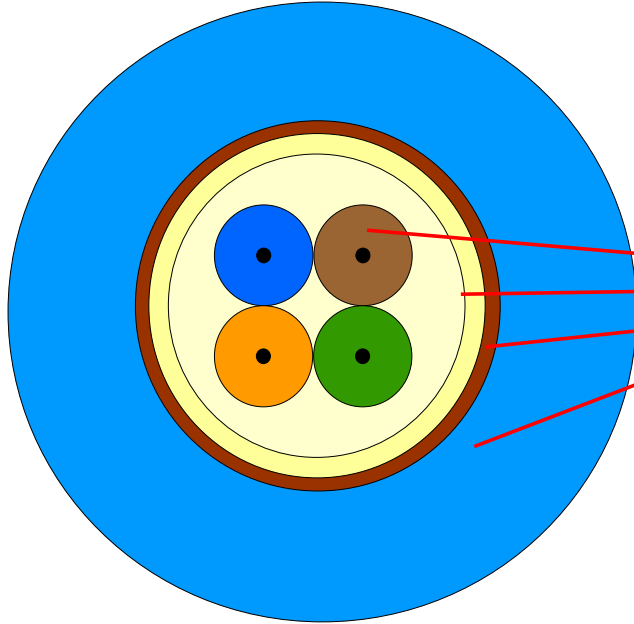


## Provisional Data Sheet

## Flexible Drop Cable

Issue October 2006  
according **OFS Generic Specification**



### Application

Customer drop cable

### Design

- Optical Fibres
- Core Element
- Tensile Strength Elements (optional)
- Flame Retardant Jacket

### Features

- All Dielectric Cable
- Easy Fibre Access
- Low Smoke Zero Halogen sheath.
- Light Weight
- Scaleable to 12f

**Version illustrated is the 4 Fibre Cable**

Fibre Count
2
4
8
12

Sheath Marking (Inkjet)
<b>OFS OPTICAL CABLE [ID] [MM/YY] XXF [Meter Marking]</b>
<i>Alternative Sheath printing available on request</i>

**Cable Diameter (calc.):** 3.5 mm  
**Cable Weight (calc.):** 8.5 kg/km

## Provisional Data Sheet

## Flexible Drop Cable

Issue October 2006  
according **OFS Generic Specification**

### Identification

#### Fibre Colour Code:

1	Blue	5	Grey	9	Yellow
2	Orange	6	White	10	Violet
3	Green	7	Red	11	Rose
4	Brown	8	Black	12	Aqua

### Mechanical Properties and Environmental Behaviour

Tests according to **EN 187105** and **IEC 60794**

	Parameter	Requirement	Value
<b>Tensile Performance:</b> EN 187105-5.5.4 IEC 60794-1-2-E1A and E1B	Short term load, during installation	- No changes in attenuation before versus after load* - Max. fibre strain 0.50%	Load: 1x W <i>W is the weight of the cable in N</i>
<b>Crush Performance:</b> EN 187105-5.5.3 IEC 60794-1-2-E3	Short term load	- No changes in attenuation before versus after load* - No damage**	Load: 1000 N
<b>Bending Performance:</b> EN 187105-5.5.1 IEC 60794-1-2-E11	Handling fixed installed During installation (under load)	- No attenuation increase* - No changes in attenuation before versus after load*	Bend radius: 25 mm Bend radius: 50 mm
<b>Temperatures:</b> EN 187105-5.6.1 IEC 60794-1-2-F1	Operation Installation Storage/Shipping	- No attenuation increase*	-40 to +70°C - 5 to +40°C -40 to +70°C

\*No changes in attenuation means that any changes in measurement value, either positive or negative within the uncertainty of measurement shall be ignored. The total uncertainty of measurement shall be less than or equal to 0.05 dB.

\*\*Mechanical damage – when examined visually without magnification, there shall be no evidence of damage to the sheath. The imprint of plates will not be considered as damage.

The information is believed to be accurate at time of issue. OFS reserves the right to improve, enhance and modify the features and specifications of OFS products without prior notification. Please ensure you have the latest version of the data sheet.  
This data sheet is property of OFS.

For additional information please contact your sales representative.

You can also visit our website at <http://www.ofsoptics.com>.

Telephone: +49 (0) 228 7489 201  
Email: [saleseurope@ofsoptics.com](mailto:saleseurope@ofsoptics.com)