



Draka

MARINE, OIL & GAS INTERNATIONAL



DataCom

Dear customer,

As an answer to the growing request for data cable, we recently broadened our product scope by adding more of these cables to our portfolio. To meet the growing demand of certified data cables, both our new cable types and our regular data cables are GL approved! To inform you about our complete data cable range, we hereby sent you an overview of our portfolio. We have listed the article numbers for you, to make it easier to select the cables you need. Additional approvals are on request and might be already available. Most of the cables are available from stock.

For questions and more information, please visit our website www.DrakaMOG.com

Kind regards,

The Draka Marine, Oil and Gas team

Installation

Application

Fire Rating Standards



CAT. 5E SF/UTP 4X2X0.51 (AWG 24) FRNC-C

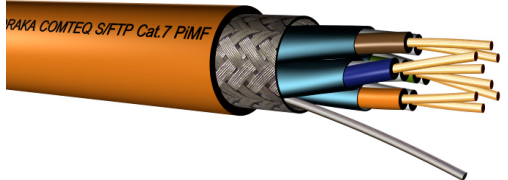
Draka Comteq article number: CD7677530

Primary (Campus), Secondary (Riser),
Tertiary (Horizontal) IEEE 802.3: 10Base-T;
100Base-T; 1000Base-T; IEEE 802.5
16 MB; ISDN; TPDDI; ATM

Halogen Free	IEC 60754-2
Low Smoke	IEC 61034-1,2
Flame Propagation	IEC 60332-1
Fire Retardant	IEC 60332-3-24 (Cat. C)

Standards applied

International	ISO/IEC 11801 2nd ed.
USA	ANSI/EIA/TIA 568B
Europe	NEN-EN 50173
Cat 5e	NEN 11156-5 (IEC 61156)
Construction	NEN-EN 50288-2-1



CAT. 7 S/FTP 4X2X0.56 (AWG 23) LSHF-FR

Draka Comteq article number: CD7679365

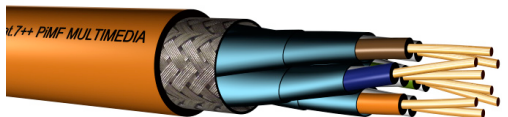
Primary (Campus), Secondary (Riser),
Tertiary (Horizontal) IEEE 802.3: 10Base-T;
100Base-T; 1000Base-T; 10Gbase-T;
IEEE 802.5 16 MB; ISDN; TPDDI; ATM

Fire Rating Standards

Halogen Free	IEC 60754-2
Low Smoke	IEC 61034-1,2
Flame Propagation	IEC 60332-1
Fire Retardant	IEC 60332-3-24 (Cat. C)

Standards applied

International	ISO/IEC 11801 2nd ed.
USA	ANSI/EIA/TIA 568B
Europe	NEN-EN 50173
Cat 7	NEN 11156-5 (IEC 61156)
Construction	NEN-EN 50288-2-1



CAT. 7++ 6 FOILS 4X2X0.57 (AWG 23) LSHF-FR

Draka Comteq article number: CD7679731

Primary (Campus), Secondary (Riser),
Tertiary (Horizontal) IEEE 802.3: 10Base-T;
100Base-T; 1000Base-T; 10Gbase-T;
IEEE 802.5 16 MB; ISDN; TPDDI; ATM

Fire Rating Standards

Halogen Free	IEC 60754-2
Low Smoke	IEC 61034-1,2
Flame Propagation	IEC 60332-1
Fire Retardant	IEC 60332-3-24 (Cat. C)

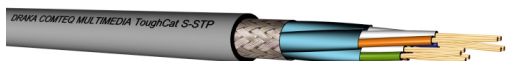
Standards applied

International	ISO/IEC 11801 2nd ed.
USA	ANSI/EIA/TIA 568B
Europe	NEN-EN 50173
Cat 7	NEN 11156-5 (IEC 61156)
Construction	NEN-EN 50288-2-1

Installation Patch Cable

Application

Fire Rating Standards



TOUHCAT™ S/STP 4X2X0,6 (AWG 24/7) LSHF-FR

Draka Comteq article number: CNS792621

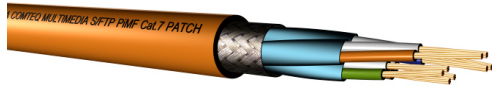
This Cat. 5e S/STP cable is meant for use as horizontal cable in tougher electrical conditions and has stranded copper conductors arranged in individually foil screened twisted pairs. All four pairs have a common braid. The susceptibility of noise is very low because of excellent shielding performance. Because of this, the cable can also be use in Class F (Cat. 7) installations up to 70 m. Permanent links.

Halogen Free	IEC 60754-2
Low Smoke	IEC 61034-1,2
Flame Propagation	IEC 60332-1
Fire Retardant	IEC 60332-3-24 (Cat. C)

Standards applied

International	ISO/IEC 11801 2nd ed.
USA	ANSI/EIA/TIA 568B
Europe	NEN-EN 50173
Cat 5e	NEN 11156-5 (IEC 61156)
Construction	NEN-EN 50288-2-1
Oil-Resistance	CEI 20.34 4h 70C IRM902

Installation Patch Cable



CAT. 7 S/FTP 4X2X0.42 (AWG 27/7) PATCH LSHF

Draka Comteq article number: CD7677650

Application

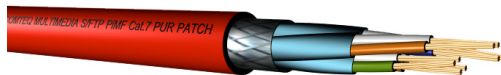
Tertiary (Horizontal) IEEE 802.3: 10Base-T; 1000Base-T; 10Gbase-T; IEEE 802.5 16MB; TPDDI; ATM

Fire Rating Standards

Halogen Free	IEC 60754-2
Low Smoke	IEC 61034-1,2
Flame Propagation	IEC 60332-1

Standards applied

International	ISO/IEC 11801 2nd ed.
USA	ANSI/EIA/TIA 568B
Europe	NEN-EN 50173
Cat 7	NEN 11156-5 (IEC 61156)
Construction	NEN-EN 50288-2-1



CAT. 7 S/STP 4X2X0.42 (AWG27/7) PUR RED

Draka Comteq article number: CD2783922

Tertiary (Horizontal) IEEE 802.3: 10Base-T; 100Base-T; en 10Gbase-T; IEEE 802.5 16MB; ISDN; FDDI; ATM Industrial Ethernet applications Very well suited for outdoor use, but not directly in the ground

Fire Rating Standards

Halogen Free	IEC 60754-2
Low Smoke	IEC 61034
Flame Propagation	IEC 60332-1

Standards applied

International	ISO/IEC 11801 2nd ed.
USA	ANSI/EIA/TIA 568B
Europe	NEN-EN 50173
Cat 7	NEN 11156-5 (IEC 61156)
Construction	NEN-EN 50288-4-2

Profibus Cable



SIENOPYR-FR-PROFIBUS M-02Y(ST) CHX 100V

For Draka article number please contact Draka

Application

As a bus cable for fixed installation on board ships and offshore units in all locations and on open decks. The cable is not suitable for continuous use in water

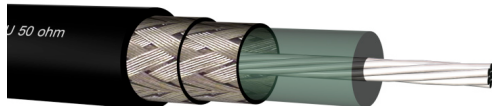
Fire Rating Standards

Halogen Free	IEC 60754-2
Low Smoke	IEC 61031
Ozone Resistant	IEC 61031
Flame Retardant	IEC 60332-3-24 (Cat. C)

Standards applied

Germany	DIN 19245-3
Europe	EN 50170-Vol.2 PROFIBUS

50 Ω Coaxial cable PVC



RG 214 PVC

Draka Comteq article number: CK2775700

Application

RG-types acc. to US Military Specification MIL-C-17F. RG-cables are used in the whole field of commercial electronics and radio frequency engineering wherever high quality is required, e.g.:

- long service life and good ageing stability
- high abrasion resistance of sheath and resistance to permanent action of chemicals
- high flexibility and low attenuation
- minimum characteristic impedance deviations and good homogeneity
- use of standardized connectors

Fire Rating Standards

Flame Propagation	IEC 60332-1 UL1581 VW1
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Standards applied

Acc. To MIL-C-17F and MIL-C-17G



RG 223 PVC

Draka Comteq article number: CK2776500

RG-types acc. to US Military Specification MIL-C-17F. RG-cables are used in the whole field of commercial electronics and radio frequency engineering wherever high quality is required, e.g.:

- long service life and good ageing stability
- high abrasion resistance of sheath and resistance to permanent action of chemicals
- high flexibility and low attenuation
- minimum characteristic impedance deviations and good homogeneity
- use of standardized connectors

Fire Rating Standards

Flame Propagation	IEC 60332-1 UL1581 VW1
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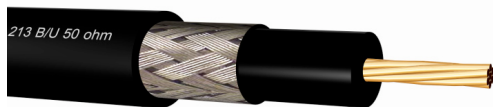
Standards applied

Acc. To MIL-C-17F and MIL-C-17G

50 Ω Coaxial cable FRNC

Application

Fire Rating Standards



RG 213 FRNC-B (ONLY IEC 60332-1)

Draka Comteq article number: CK2775400

RG-types acc. to US Military Specification MIL-C-17F. RG-cables are used in the whole field of commercial electronics and radio frequency engineering wherever high quality is required, e.g.:

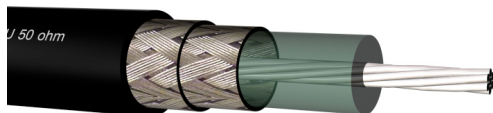
- long service life and good ageing stability
- high abrasion resistance of sheath and resistance to permanent action of chemicals
- high flexibility and low attenuation
- minimum characteristic impedance deviations and good homogeneity
- use of standardized connectors

Halogen Free
Low Smoke
Flame Propagation

IEC 60754-2
IEC 61034-1,2
IEC 60332-1
UL1581 VW1

Standards applied

Acc. To MIL-C-17F and MIL-C-17G



RG 214 FRNC-B - (ONLY IEC 60332-1)

Draka Comteq article number: CK2950901

RG-types acc. to US Military Specification MIL-C-17F. RG-cables are used in the whole field of commercial electronics and radio frequency engineering wherever high quality is required, e.g.:

- long service life and good ageing stability
- high abrasion resistance of sheath and resistance to permanent action of chemicals
- high flexibility and low attenuation
- minimum characteristic impedance deviations and good homogeneity
- use of standardized connectors

Fire Rating Standards

Halogen Free
Low Smoke
Flame Propagation

IEC 60754-2
IEC 61034-1,2
IEC 60332-1
UL1581 VW1

Standards applied

Acc. To MIL-C-17F and MIL-C-17G



RG 223 FRNC-B - (ONLY IEC 60332-1)

Draka Comteq article number: CK7676500

RG-types acc. to US Military Specification MIL-C-17F. RG-cables are used in the whole field of commercial electronics and radio frequency engineering wherever high quality is required, e.g.:

- long service life and good ageing stability
- high abrasion resistance of sheath and resistance to permanent action of chemicals
- high flexibility and low attenuation
- minimum characteristic impedance deviations and good homogeneity
- use of standardized connectors

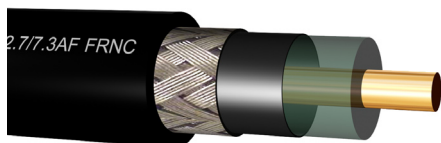
Fire Rating Standards

Halogen Free
Low Smoke
Flame Propagation

IEC 60754-2
IEC 61034-1,2
IEC 60332-1
UL1581 VW1

Standards applied

Acc. To MIL-C-17F and MIL-C-17G



2.7/7.3 AF 'LOW LOSS' - IEC 60332-3-23 CAT.C

Draka Comteq article number: CK7550700

RG-types acc. to US Military Specification MIL-C-17F. RG-cables are used in the whole field of commercial electronics and radio frequency engineering wherever high quality is required, e.g.:

- long service life and good ageing stability
- high abrasion resistance of sheath and resistance to permanent action of chemicals
- high flexibility and low attenuation
- minimum characteristic impedance deviations and good homogeneity
- use of standardized connectors

Fire Rating Standards

Halogen Free
Low Smoke
Flame Propagation

IEC 60754-2
IEC 61034-1,2
IEC 60332-1
UL1581 VW1

Flame Retardant

IEC 60332-3-24 (Cat. C)

Standards applied

DIN 47264; EN 50117-1; IEC 61196-1

75 Ω Video and CATV cable FRNC

Application

Fire Rating Standards



Drop cables are used in TV signal distribution networks and as antenna cable for terrestrial and satellite broadcast systems.

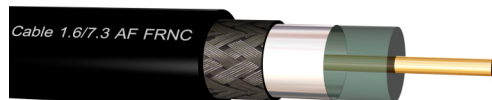
Halogen Free	IEC 60754-2
Low Smoke	IEC 61034-1,2
Flame Propagation	IEC 60332-1 UL1581 VW1
Flame Retardant	IEC 60332-3-24 (Cat. C)

CATV DROP CABLE 1.0/4.8 AF FRNC - CAT. C

Draka Comteq article number: CT2850402

Standards applied

Screening efficiency	EN 50117-1
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Drop cables are used in TV signal distribution networks and as antenna cable for terrestrial and satellite broadcast systems.

Fire Rating Standards

Halogen Free	IEC 60754-2
Low Smoke	IEC 61034-1,2
Flame Propagation	IEC 60332-1 UL1581 VW1
Flame Retardant	IEC 60332-3-24 (Cat. C)

CATV DISTRIBUTION DROP CABLE 1.6/7.3 AF FRNC - CAT. C

Draka Comteq article number: CT2760901

Standards applied

Screening efficiency	accEN 50117-1 and draft EN 50117-2-2, 4 a 5 May 2002. EN 50083-2/A1 screening class A
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CATV DROP CABLE COAX10 AD 10 'SUPER'

Draka Comteq article number: CK2689305

Drop cables are used in private and commercial TV signal distribution networks and as antenna cable for terrestrial and satellite broadcast systems. This predestined head-end cable is manufactured with vaccum technology. The cable layers thereby have high friction forces which allow automatic dismanteling also at small lengths.

Fire Rating Standards

Halogen Free	IEC 60754-2
Low Smoke	IEC 61034-1,2
Flame Propagation	IEC 60332-1 UL1581 VW1
Flame Retardant	IEC 60332-3-24(Cat. C)

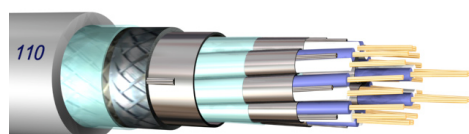
Standards applied

Screening efficiency	Screening class A acc. to EN 50117-2-1, EN 50117-2-2, EN 50117-2-4 and EN 50117-2-5 futher, EN 500083-2A1, EN 50117-1.
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110 Ω Analogue Audio cable FRNC

Application

Fire Rating Standards



Audio cables are used in professional broadcasting systems for the transmission of analogue and digital signals

Halogen Free	IEC 60754-2
Low Smoke	IEC 61034-1,2
Flame Propagation	IEC 60332-1 UL1581 VW1
Flame Retardant	IEC 60332-3-24 (Cat. C)

AUDIO CABLE AC10 SS 26/7 (10X2X0.48)

Draka Comteq article number: CT7651811

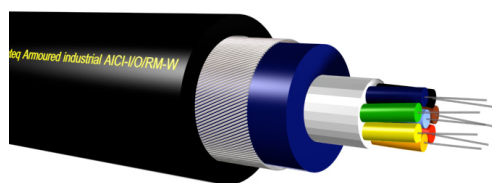
Standards applied

ARD and AES/EBU specifications

Optical Fiber Cable

Application

Fire Rating Standards



ARMOURED INDUSTRIAL CABLE AICI-I/O/RM-W

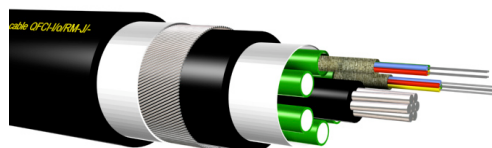
For Draka article numbers please contact Draka

Optical cable for industrial environments. The cable is suitable for both indoor and outdoor installation. Continuous submergence in water is not recommended. Outer sheath is made from black UV-stabilized and weather resistant material and may be exposed for shorter periods to fluids such as diesel and mineral oils. The resistance to these fluids is according to IEC60811-2-1. The cable is reinforced with a steel wire braiding between the two sheaths. Strength elements of glass yarn around the cable core allow easy installation of long lengths. The 0.9 mm tight buffer is easy to strip allowing fast and reliable splicing and connector mounting. Each fibre is colour coded for easy identification. The outer sheath is marked to show fibre type and cable type

Flame Propagation	IEC 60332-1
Fire Retardant	IEC 60332-3-22/24 (Cat. A/C)
Low Smoke	IEC 61034
Halogen Free	IEC 60754-1,2

Standards applied

Construction	IEC 60794-1
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FIRE RESISTANT CABLE QFCI-I/O/RM-JM

QFCI is also available in anti-mud outer sheath

For Draka article numbers please contact Draka

Optical cable for indoor and outdoor use in vital communication and emergency systems that need to be operational during fire. The cable has a patented design that ensures operation for more than 3 hours in fires up to 1000°C. The cable is halogen free and flame retardant to protect against secondary damage to electronic equipment during and after fire. Outer sheath is made from black UV-stabilized and weather resistant material and may be exposed for shorter periods to fluids such as diesel and mineral oils. The resistance to these fluids is according to IEC60811-2-1. The cable is reinforced with a steel wire braiding. The fibres are protected in jelly filled loose tubes stranded around a central strength member to ensure optimum performance and long life. Each fibre and loose tube is colour coded for easy identification during splicing and termination. The outer sheath is marked to show fibre type and cable type.

Fire Rating Standards

Flame Propagation	IEC 60332-1
Fire Retardant	IEC 60332-3-22/24 (Cat. A/C)
Low Smoke	IEC 61034
Halogen Free	IEC 60754-1,2
Circuit Integrity	
During Fire (Fire Resistant)	IEC 60331-25 (750 °C, 90 minutes) <1.0 dB excess loss Upgraded IEC 60331-25 (1000 °C, 3 hours) <1.5 dB excess loss BP GS 112-2 Clause 7.1

Standards applied

Construction	IEC 60794-1 & NEK 606 Code F1
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**NON-ARMoured TIGHT BUFFER S611**

For Draka article numbers please contact Draka

The Draka S611T series of Marine and Offshore fiber optic cables is designed especially for the harsh environments of commercial marine vessels, oil platforms and other similar applications. Draka S611T low smoke/zero halogen, flame retardant cables offer the versatility and ease of use of our other offshore cables in a construction suited for marine applications. They comply with the latest IEC requirements. S611T cables meet the requirements of IEC 60793-1 and IEC 60793-2 specifications, are encapsulated in all dielectric, tight buffered construction, individually reinforced with aramid yarns and jacketed (breakout style). The break-out components are cabled around a central member providing additional tensile strength to the entire construction. The thermoplastic low smoke/ zero halogen jacketing system offers good resistance to chemicals, fluids, fungus and abrasion. This product is also available in an armoured version.

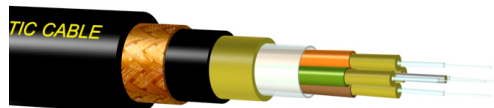
Halogen Free
Low Smoke
Toxicity
Fire Retardant

IEC 60754-1,2
IEC 61034-1,2
NES 713
IEC 60332-3-22
(Cat. A)
IEEE 1202

Standards applied

Construction
Performance Requir.

IEC 60794-1,2,3
IEEE 802.3z
(Gigabit Ethernet)

**BRONZE WIRE ARMoured TIGHT S670**

For Draka article numbers please contact Draka

The Draka S670T series of Marine and Offshore fiber optic cables is designed especially for the harsh environments of commercial marine vessels, oil platforms and other similar applications. Draka S670T low smoke/zero halogen, flame retardant cables offer the versatility and ease of use of our other offshore cables in a construction suited for marine applications. They are complaint with the latest IEC requirements. S670T cables meet the requirements of IEC 60793-1 and IEC 60793-2 specifications, are encapsulated in all dielectric, tight buffered construction, individually reinforced with aramid yarns and jacketed (breakout style). The thermoplastic low smoke/ zero halogen jacketing system offers good resistance to chemicals, fluids, fungus and abrasion. This product is also available in a non-armoured version.

Fire Rating Standards

Halogen Free
Low Smoke
Toxicity
Fire Retardant

IEC 60754-1,2
IEC 61034-1,2
NES 713
IEC 60332-3-22
(Cat. A)
IEEE 1202

Standards applied

Construction
Performance Requir.

IEC 60794-1,2,3
IEEE 802.3z
(Gigabit Ethernet)