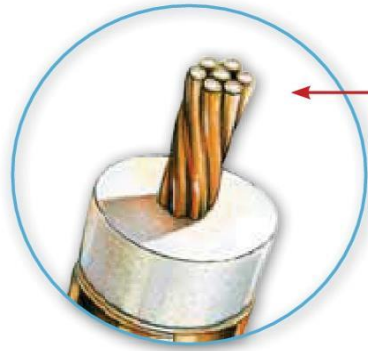


Ecoflex 10 Plus HEATEX



Stranded center conductor with aluminium core and welded copper shield

Combines excellent HF characteristics with all fire protection requirements

- › Very low longitudinal attenuation
- › High flexibility
- › Halogen-free
- › Complies with all relevant fire protection demands

The new **Ecoflex10 Plus-Heatex** comes with an innovative cable design, which again improves the good HF characteristics of the ECOFLEX 10 – standard cable.

Ecoflex 10 Plus-Heatex uses a high precision Hybrid inner conductor, made of seven single aluminium core wires with welded OFC copper coat. The surface finish and the corresponding HF characteristics of this inner conductor are significantly better than conventional stranded copper wire. The result is impressive:

- › Significantly lower longitudinal attenuation: – 5.8% at 6 GHz
- › Lower cable weight: – 33%
- › Usable frequency range extended to 8 GHz
- › Excellent flexibility

A further plus is the double shielding: an overlapping copper foil and an overlying copper braid guarantee a high shielding factor of >90 dB@1 GHz.

Ecoflex 10 Plus-HEATEX is predestined for operation in buildings, ships and applications in fire-endangered areas. The UV stabilisation of the robust HEATEX coats also allows an unlimited outdoor use.

Ecoflex 10 Plus-Heatex is hardly inflammable and offers a low fire propagation.

Heatex coats are halogen-free, low-smoke and include no reaction-friendly elements like fluorine, chlorine and bromine. In comparison, standard coaxial cables with PVC coats (polyvinyl chloride) are not halogen-free and hence must not be used in fire-hazardous areas. A critical point of PVC cables is their propagation of flames in case of fire – a danger that is safely eliminated by **Ecoflex 10 Plus-Heatex!**

Available standard lengths 25 m, 50 m, 100 m, 200 m, 500 m.

Ecoflex 10 Plus-Heatex complies with the following norms:

(Further information regarding tests at www.ssb.de)

Fire behaviour

EN 50265-2-1 IEC 60332-1
DIN 5510-2

Cable bundle test

IEC 60332-3-24

Smoke density

IEC 61034 -1+2EN 50268

Corrosiveness of combustible Gases

HD 602-1 EN 50267-2-3 IEC 60754-2

