

Low loss coaxial cable for radio communications

Characteristics

Diameter	10,2 mm
Impedance	50 Ohm
Attenuation @ 1 GHz/100m	14,2 dB
Attenuation @ 1 GHz/100ft	4,33 dB
f _{max}	6 GHz

ECOFLEX 10 is a flexible, low-loss coaxial cable specifically designed for use up to 6 GHz.

Advanced manufacturing techniques combined with the use of a low-loss PE-LLC Dielectric yields a foaming rate of more than 70%. This results in very low attenuation. **ECOFLEX 10** sets a new standard among flexible coaxial cables.

The flexibility of **ECOFLEX 10** is further enhanced through the use of a stranded, oxygen-free copper center conductor.

Use of proprietary techniques, continuous center conductor calibration and compression as well as the application of a precoating results in low losses and good impedance matching.

Further advantages of the cable include the use of double shielding which is constructed of overlapping copperfoil plus an additional tight woven copper braid. A screening efficiency of > 90 dB@ 1 GHz is realized.

The copperfoil has an applied PE-coating which prevents foil cracking due to short radius bends.

The black PVC sheath of **ECOFLEX 10** is uv-stabilized.

In addition to a full compliment of standard connectors, an easy to use solder free N-connector has been specially developed for **ECOFLEX 10**. Connector installation only takes a few minutes and requires no special tools.

ECOFLEX 10 is the right choice when a low loss, highly flexible microwave rated cable is required. It's economical price makes it the clear leader for today's demanding applications.

ECOFLEX 10 is available from stock in the following standard drum sizes:
25m, 50m, 100m, 200m and 500m.

ECOFLEX[®] 10

ECOFLEX[®] 10 Connectors



Art.-Nr. 7367 N-plug, male



Art.-Nr. 7383 N-plug, male, solderless



Art.-Nr. 7364 N-plug, female



Art.-Nr. 7379 BNC-plug, male



Art.-Nr. 7382 TNC-plug, male



Art.-Nr. 7384 TNC-RP-plug, male (reverse polarity)



Art.-Nr. 7378 UHF-plug, male

