

Speedfoam

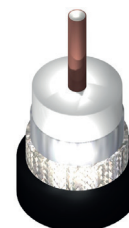
Low loss, performance coaxials

Speedfoam

A halogen free, low loss coaxial cable using a precision foamed polyolefin dielectric to provide low loss properties in a flexible, light-weight package.

A highly effective foil/braid combination gives Speedfoam excellent screening effectiveness for use in a wide range of applications such as vehicle based interconnection, land mobile radio systems, wireless LAN (local area network) and low end radar applications. Speedfoam 500 offers the lowest attenuation of any Habia Cable coaxial.

Conductor	Cu or CCA
Insulation	Foamed HFI 90
Shield	Bonded Al/Pr foil + TPC braid
Sheath	HFS 80 T, Black
Temp.	-40°C / +80°C



Speedfoam F

A flexible coaxial cable which offers all the low loss, low smoke, zero halogen (LSZH) properties of the standard Speedfoam with the added benefits of a stranded centre conductor and soft and flexible outer jacket for improved flexibility and flex-life.

Ease of installation in confined spaces such as cabinets is improved, as is the cable's ability to withstand the constant vibration and movement common to many vehicle based applications.

Conductor	Cu (stranded)
Insulation	Foamed HFI 90
Shield	Bonded Al/Pr foil + TPC braid
Sheath	HFS 100, Black
Temp.	-40°C / +80°C

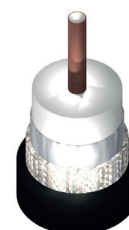


Speedfoam UL

Designed to fulfil the demands of UL Style 1375. Speedfoam UL offers the excellent physical and electrical benefits of the standard Speedfoam, including low smoke, zero halogen (LSZH) and flame retardancy.

Speedfoam UL is ideal for general low loss RF use in applications such as mobile antenna cable runs and jumper assemblies; where a 3rd party approval is required.

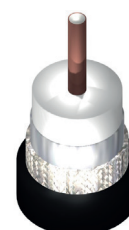
Conductor	Cu or CCA
Insulation	Foamed HFI 90 XL
Shield	Bonded Al/Pr foil + TPC braid
Sheath	HFS 105 XL B, Black
Temp.	-40°C / +80°C



Speedfoam XL

A rugged, low loss coaxial which uses radiation cross-linked materials to enhance the flex-life, temperature range and mechanical properties of the standard Speedfoam product. Especially ideal for military applications where the cable will be exposed to environmental extremes and rough handling.

Conductor	Cu or CCA
Insulation	Foamed HFI 90
Shield	Bonded Al/Pr foil + TPC braid
Sheath	HFS 80 T, Black
Temp.	-40°C / +80°C



Speedfoam HT

A high temperature, low loss and high-power version of Speedfoam. Using our unique low density PTFE dielectric, Speedfoam HT offers much higher temperature and power ratings are ideal for high-power RF systems.

The high performance nature of the Speedfoam HT product makes it ideal for military, land forces use and as such Speedfoam 240 HT and Speedfoam 400 HT have been tested and approved for use by the UK Ministry of Defence.

Conductor	SPC
Insulation	Low density PTFE
Shield	Bonded Al/Pr foil + SPC braid
Sheath	FEP, Brown-transparent
Temp.	-55°C / +200°C

