

Signal Cables

HFFR twisted wires, signal & shielded signal cables

HFI 140: 2/3/4x D-D

D-D twisted pairs, triples and quads are designed using Habia Cable's Def Stan 61-12 Part 18 insulated cores.

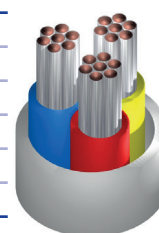
Conductor	TPC
Insulation	HFI 140
Shield	-
Sheath	-
Voltage	600 V
Temp.	-40°C / +120°C



HFI 140 / HFI 150: D-TB

D-TB signal cables are available in 2, 3 and 4 core constructions. With dual-wall HFI 140 insulation, HFI 150 is offered as a tough yet thin-wall sheathing material which can maintain the same temperature profile as the HFI 140 cores.

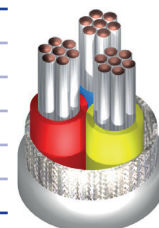
Conductor	TPC
Insulation	HFI 140
Shield	-
Sheath	HFI 150
Voltage	600 V
Temp.	-40°C / +120°C



HFI 140 / HFI 150: D-STB

D-STB shielded signal cables are available in 2, 3 and 4 core constructions, tin plated copper braided screens offer good, all-round electrical screening.

Conductor	TPC
Insulation	HFI 140
Shield	TPC braid
Sheath	HFI 150
Voltage	600 V
Temp.	-40°C / +120°C



Signal Cables

NF C 93.524 and Def Stan twisted wires, signal & shielded signal cables

ETFE: KU03 and KU04

KU 03 (twisted pairs) and KU 04 (twisted triples) are manufactured fully in accordance with the French Norm: NF C 93.524.

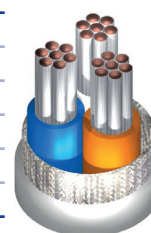
Conductor	TPC
Insulation	ETFE
Shield	-
Sheath	-
Voltage	600 V
Temp.	-65°C / +150°C



ETFE / ETFE: KU02, KU05 and KU06

KU 02 (screened, single cores), KU 05 (screened twisted pairs) and KU 06 (screened, twisted triples) are manufactured fully in accordance with the French Norm: NF C 93.524.

Conductor	TPC
Insulation	ETFE
Shield	TPC braid
Sheath	ETFE, White
Voltage	600 V
Temp.	-65°C / +150°C



LSI 155: 2/3/4x D-F1 and 2/3/4x D-F2

Approved to the Def Stan 61-12 Part 33/001 specification for airframe wiring, Habia Cable's LSI 155 twisted wires are available in both thin-wall and dual wall types. The Def Stan specifies wire sizes from 26 AWG up to 12 AWG (thin-wall) and 26 AWG up to 10 AWG (dual-wall), however other sizes can be manufactured on request. The Def Stan also requires sizes 24 AWG and smaller to use high strength alloy conductors. Non-approved TPC or SPC can be substituted on request.

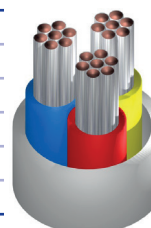
Conductor	TPC or SPC
Insulation	LSI 155 or Dual wall LSI 155
Shield	-
Sheath	-
Voltage	600 V
Temp.	-65°C / +135°C or +150°C



LSI 155 / LSI 155: D-F1-TF and D-F2-TF

Approved to Def Stan 61-12 Part 33/001, Habia Cable's LSI 155 signal cables are available in both thin-wall and dual wall types. Wire sizes are specified from 26 AWG up to 12 AWG (thin-wall) and 26 AWG up to 10 AWG (dual-wall) in 2, 3 and 4 cores, however other sizes can be manufactured on request. The Def Stan also requires sizes 24 AWG and smaller to use high strength alloy conductors. Non-approved TPC or SPC can be substituted on request.

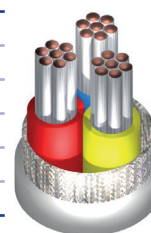
Conductor	TPC or SPC
Insulation	LSI 155 or Dual wall LSI 155
Shield	-
Sheath	LSI 155
Voltage	600 V
Temp.	-65°C / +135°C or +150°C



LSI 155 / LSI 155: D-F1T-STF and D-F2T-STF

Approved to Def Stan 61-12 Part 33/001, Habia Cable's LSI 155 shielded signal cables are available in both thin-wall and dual wall types. Wire sizes are specified from 26 AWG up to 12 AWG (thin-wall) and 26 AWG up to 10 AWG (dual-wall) in 2, 3 and 4 cores, however other sizes and arrangements can be manufactured on request. The Def Stan also requires sizes 24 AWG and smaller to use high strength alloy conductors. Non-approved TPC or SPC can be substituted on request.

Conductor	TPC or SPC
Insulation	LSI 155 or Dual wall LSI 155
Shield	TPC braid or SPC braid
Sheath	LSI 155
Voltage	600 V
Temp.	-65°C / +135°C or +150°C



Signal Cables

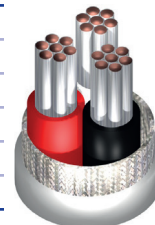
Fluoropolymer shielded signal cables

ETFE / ETFE: ZL-STZ and ZN-STZ

ZL-STZ (thin-wall insulation) and ZN-STZ (thick-wall insulation) screened cables are manufactured in general accordance with the MIL-DTL-27500 using cores according to Mil-W-22759/18 and /16 respectively.

Standard sizes are 30 AWG up to 16 AWG for the ZL-STZ type and 30 AWG up to 14 AWG for the ZN-STZ types in 1, 2, 3 and 4 cores.

Conductor	TPC
Insulation	ETFE
Shield	TPC braid
Sheath	ETFE
Voltage	600 V
Temp.	-65°C / +150°C

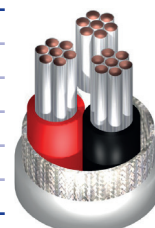


PTFE / FEP: ET-STK

Designed in general accordance with MIL-DTL-27500, using cores according to NEMA HP-3, Habia Cable's PTFE / FEP shielded signal cables offer an extremely wide temperature range as well as fire and chemical resistance for a very small size.

The 250 V ET-STK type is made in standard sizes from 32 AWG up to 20 AWG in 1, 2, 3 and 4 cores.

Conductor	SPC
Insulation	PTFE
Shield	SPC braid
Sheath	FEP
Voltage	250 V
Temp.	-65°C / +200°C

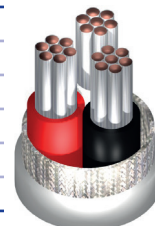


PTFE / FEP: E-STK

Designed in general accordance with MIL-DTL-27500, using cores according to NEMA HP-3, Habia Cable's PTFE / FEP shielded signal cables offer an extremely wide temperature range as well as fire and chemical resistance for a very small size.

The 600 V E-STK type is made in standard sizes from 32 AWG up to 16 AWG in 1, 2, 3 and 4 cores.

Conductor	SPC
Insulation	PTFE
Shield	SPC braid
Sheath	FEP
Voltage	600 V
Temp.	-65°C / +200°C



PTFE / FEP: EE-STK

Designed in general accordance with MIL-DTL-27500, using cores according to NEMA HP-3, Habia Cable's PTFE / FEP shielded signal cables offer an extremely wide temperature range as well as fire and chemical resistance for a very small size.

The 1000 V EE-STK type is made in standard sizes from 30 AWG up to 16 AWG in 1, 2, 3 and 4 cores.

Conductor	SPC
Insulation	PTFE
Shield	SPC braid
Sheath	FEP
Voltage	1000 V
Temp.	-65°C / +200°C

