

Habiatherm HT5 PTFE / PFA

600V
-40°C/+260°C

Multi core cable, unshielded

Voltage	0.6/1kV AC U ₀ /U
Test voltage	3kV AC
Flame retardant	IEC 60332-3
Smoke generation	IEC 61034-2

- IEC 60584.3:1989
- Class 3 conductor can be used for low temperatures

Construction

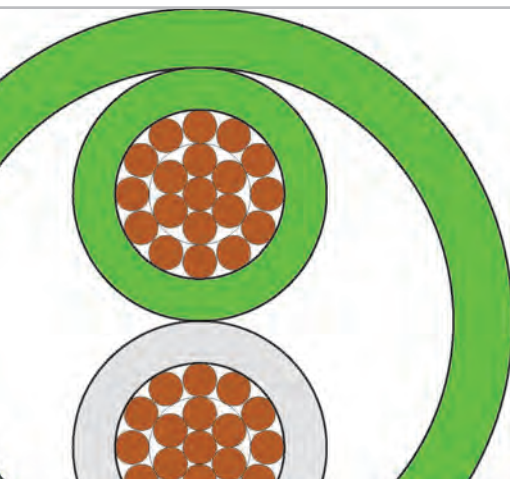
Conductor	EX JX KX	Nickel Chromel (+) and Copper Nickel (-) Iron (+) and Copper Nickel (-) Nickel Chromel (+) and Nickel Alumel (-)	Insulation	PTFE
Shield(s)	-		Sheath	PFA
Core colour	Acc. to IEC 60584.3: 1989		Sheath	Acc. to IEC 60584.3: 1989
Marking	TYPE CORES x SIZE VOLTAGE SCREEN ORDER REFERENCE YEAR-WEEK e.g.: Habiatherm HT5 2x 0.22sqmm 600V 700044725 2012-W39			

Application

Intended for extreme environments where temperature and / or fluid resistance is of critical importance. Habiatherm HT5 cables can be produced in a wide range of sizes, combination of cores and screening options.

Description	Construction							Electrical amps at 40°C max	NSN	Article Number
	no. / size CSA	conductor Ø	insulation Ø	cabled Ø	shield/s Ø	sheath/s Ø	weight g/m			
HT5 EX 2x0.22	2x 0.22	0.60	1.10	2.2	-	2.7	11	-	-	700044725
HT5 EX 2x1.2	2x 1.23	1.42	2.08	4.2	-	4.9	43	-	-	700044727
HT5 JX 2x0.22	2x 0.22	0.60	1.10	2.2	-	2.7	11	-	-	700044728
HT5 JX 2x1.2	2x 1.23	1.42	2.08	4.2	-	4.9	41	-	-	700044729
HT5 KX 2x0.22	2x 0.22	0.60	1.10	2.2	-	2.7	11	-	-	700044730
HT5 KX 2x0.5	2x 0.50	0.95	1.45	2.9	-	3.4	18	-	-	700044731
HT5 KX 2x0.75	2x 0.75	1.10	1.65	3.3	-	3.8	25	-	-	700044732
HT5 KX 2x1.2	2x 1.23	1.42	2.03	4.1	-	4.8	41	-	-	700044733

Other designs are available for this part of the standard and will be incorporated on an on-going basis - should you require an item that is not included within this table, please contact one of our sales offices.



HTherm_HT5_01 2014-06-11

Habiatherm HT5 PTFE / PFA

600V
-40°C/+260°C

Multi core cable, screened

Voltage	0.6/1kV AC U ₀ /U
Test voltage	3kV AC
Flame retardant	IEC 60332-3
Smoke generation	IEC 61034-2

- IEC 60584.3:1989
- Class 3 conductor can be used for low temperatures

Construction

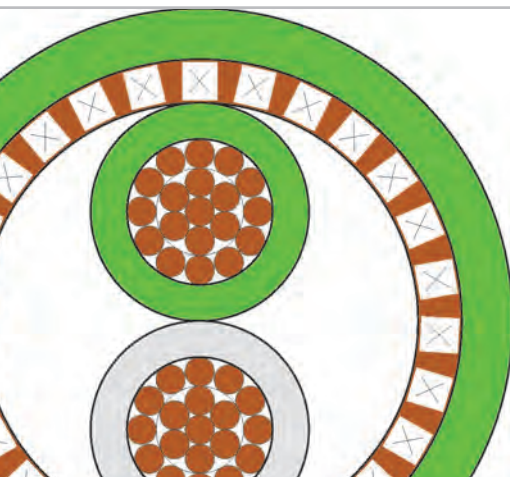
Conductor	EX JX KX	Nickel Chromel (+) and Copper Nickel (-) Iron (+) and Copper Nickel (-) Nickel Chromel (+) and Nickel Alumel (-)	Insulation	PTFE
Shield(s)	Braid of Silver Plated Copper (S)		Sheath	PFA
Core colour	Acc. to IEC 60584.3: 1989		Sheath	Acc. to IEC 60584.3: 1989
Marking	TYPE CORES x SIZE VOLTAGE SCREEN ORDER REFERENCE YEAR-WEEK			
	e.g.: Habiatherm HT5 2x 0.22sqmm 600V 700044725 2012-W39			

Application

Intended for extreme environments where temperature and / or fluid resistance is of critical importance. Habiatherm HT3 cables can be produced in a wide range of sizes, combination of cores and screening options.

Description	Construction							Electrical amps at 40°C max	NSN	Article Number
	no. / size CSA	conductor Ø	insulation Ø	cabled Ø	shield/s Ø	sheath/s Ø	weight g/m			
HT5 EX 2x0.22 (Screen)	2x 0.22	0.60	1.10	2.2	2.7	3.2	19	-	-	700044734
HT5 EX 2x1.2 (Screen)	2x 1.23	1.42	2.08	4.1	4.6	5.3	56	-	-	700044735
HT5 JX 2x0.22 (Screen)	2x 0.22	0.60	1.10	2.2	2.7	3.2	19	-	-	700044736
HT5 JX 2x1.2 (Screen)	2x 1.23	1.42	2.08	4.1	4.6	5.3	56	-	-	700044737
HT5 KX 2x0.22 (Screen)	2x 0.22	0.60	1.10	2.2	2.7	3.2	19	-	-	700044738
HT5 KX 2x0.5 (Screen)	2x 0.50	0.95	1.45	2.9	3.4	3.9	29	-	-	700044739
HT5 KX 2x0.75 (Screen)	2x 0.75	1.10	1.65	3.3	3.8	4.3	35	-	-	700044740
HT5 KX 2x1.2 (Screen)	2x 1.23	1.42	2.03	4.1	4.6	5.3	54	-	-	700044741

Other designs are available for this part of the standard and will be incorporated on an on-going basis - should you require an item that is not included within this table, please contact one of our sales offices.



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