

Coaxial Drop Cables



		H125 AL							
Product description		H125 DB+ PE	H125 CH PVC	H125 CH LSNH	H125 CH PE	H125 AL PVC	H125 AL PE	H125 AL LSNH	H125 AL PVC twin



Electrical performance									
Impedance	Ohm	75 ± 3	75 ± 3	75 ± 3	75 ± 3	75 ± 3	75 ± 3	75 ± 3	75 ± 3
Capacitance	pF / m	55 ± 3	55 ± 3	55 ± 3	55 ± 3	55 ± 3	55 ± 3	55 ± 3	55 ± 3
Velocity ratio	%	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
DC resistance	Loop	Ohm / km	37	41	41	41	50	50	50
	Inner conductor	Ohm / km	23	23	23	23	23	23	23
Max. current	Ieff	A	6	6	6	6	6	6	6
Attenuation at	5 MHz	dB / 100 m	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	10 MHz	dB / 100 m	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	50 MHz	dB / 100 m	4.4	4.4	4.4	4.4	4.4	4.4	4.4
	100 MHz	dB / 100 m	6.2	6.2	6.2	6.2	6.2	6.2	6.2
	200 MHz	dB / 100 m	8.9	8.9	8.9	8.9	8.9	8.9	8.9
	230 MHz	dB / 100 m	9.2	9.2	9.2	9.2	9.2	9.2	9.2
	300 MHz	dB / 100 m	10.9	10.9	10.9	10.9	10.9	10.9	10.9
	400 MHz	dB / 100 m	12.9	12.9	12.9	12.9	12.9	12.9	12.9
	600 MHz	dB / 100 m	16.0	16.0	16.0	16.0	16.0	16.0	16.0
	800 MHz	dB / 100 m	18.8	18.8	18.8	18.8	18.8	18.8	18.8
	860 MHz	dB / 100 m	19.1	19.1	19.1	19.1	19.1	19.1	19.1
	1000 MHz	dB / 100 m	21.2	21.2	21.2	21.2	21.2	21.2	21.2
	1350 MHz	dB / 100 m	25.1	25.1	25.1	25.1	25.1	25.1	25.1
	1600 MHz	dB / 100 m	27.7	27.7	27.7	27.7	27.7	27.7	27.7
Return loss at	5 – 470 MHz	dB	> 23	> 23	> 23	> 23	> 23	> 23	> 23
	470 – 862 MHz	dB	> 20	> 20	> 20	> 20	> 20	> 20	> 20
	862 – 2150 MHz	dB	> 18	> 18	> 18	> 18	> 18	> 18	> 18
Screening efficiency	30 – 1000 MHz	dB	> 90	> 90	> 90	> 90	> 85	> 85	> 85

Construction and dimensions									
Material conductor		Bare copper	Bare copper	Bare copper	Bare copper	Bare copper	Bare copper	Bare copper	Bare copper
Diameter conductor	mm	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Material dielectric		Gas injected PE	Gas injected PE	Gas injected PE	Gas injected PE	Gas injected PE	Gas injected PE	Gas injected PE	Gas injected PE
Diameter dielectric	mm	4.8 ± 0.15	4.8 ± 0.15	4.8 ± 0.15	4.8 ± 0.15	4.8 ± 0.15	4.8 ± 0.15	4.8 ± 0.15	4.8 ± 0.15
Type of foil		AL-PET-AL DB+	AL-PET-AL	AL-PET-AL	AL-PET-AL	AL-PET-AL	AL-PET-AL	AL-PET-AL	AL-PET-AL
Overlap foil	mm	2	2	2	2	2	2	2	2
Braiding material		Annealed tinned copper	Annealed tinned copper	Annealed tinned copper	Annealed tinned copper	Annealed tinned copper	Annealed tinned copper	Annealed tinned copper	Annealed tinned copper
Braid coverage	%	50	70	70	70	40	40	40	40
Diameter outer conductor	mm	5.5 ± 0.2	5.5 ± 0.2	5.5 ± 0.2	5.5 ± 0.2	5.34 ± 0.2	5.34 ± 0.2	5.34 ± 0.2	5.34 ± 0.2
Sheath material		PE	PVC	LSNH	PE	PVC	PE	LSNH	PVC
Diameter sheath	mm	6.9 ± 0.2	6.8 ± 0.2	6.8 ± 0.2	6.8 ± 0.2	6.8 ± 0.2	6.8 ± 0.2	6.8 ± 0.2	6.8 ± 0.2
Min. setting radius	mm	35	35	35	35	35	35	35	35
Max. tensile strength	N	60	60	60	60	55	55	55	55

Belden part number	H125D00	H125A06	H125A07	H125A08	H125A00	H125A01	H125A03	H125A04
Colour	WHITE	WHITE	GREY WHITE	BLACK	BLACK BROWN GREY WHITE	BLACK	GREY	BLACK
Put-up code	172 / 179 240	172 / 011 179 / 240	172 / 240	240	172 / 178 028 / 011 179 / 240	172 / 011 240	172 / 240	240
Length / reel	meter	100 / 250 500	100 / 250 250 / 500	100 / 500	500	100 / 150 200 / 250 250 / 500	100 / 250 500	100 / 500
Total weight	kg / km	42	47	49	41	48	36	45