

18 Maximum and minimum cable lengths

Amplifier		Minimum and maximum cable lengths (m)							Minimum and maximum cable lengths (feet)			
		Copper Tape (FB1.8)		Wire gauge					American AWG			
				0.5mm ²	1.0mm ²	1.5mm ²	2.5mm ²	4.0mm ²	22 (7x30)	18 (16x30)	14 (41x30)	10 (65x28)
CLD1 HLS02	min	21m	69'	6m	12m	17m	29m	46m	14'	31'	79'	200'
	max	50m	165'	33m	50m	60m	69m	71m	83'	149'	219'	237'
ILD100	min	21m	69'	6m	12m	17m	29m	46m	14'	31'	79'	200'
	max	58m	191'	22m	33m	39m	45m	47m	55'	98'	144'	156'
CLS1	min	21m	69'	6m	12m	17m	29m	46m	14'	31'	79'	200'
	max	146m	479'	55m	83m	98m	113m	130m	137'	246'	361'	433'
ILD 122	min	21m	69'	6m	12m	17m	29m	46m	14'	31'	79'	200'
	max	161m	529'	61m	92m	109m	125m	130m	152'	273'	400'	433'
ILD300 CLS2	min	21m	69'	6m	12m	17m	29m	46m	14'	31'	79'	200'
	max	106m	349'	40m	60m	71m	82m	85m	99'	178'	262''	283'
MLD5 - per output	min	52m	171'	15m	29m	44m	73m	116m	34'	78'	199'	501'
	max	136m	447'	51m	77m	91m	105m	109m	127'	229'	336'	363'
ILD500	min	31m	102'	9m	17m	26m	44m	70m	20'	47'	119'	300'
	max	177m	581'	66m	100m	119m	137m	143m	166'	298'	437'	473'
MLD7	min	52m	171'	15m	29m	44m	73m	116m	34'	78'	199'	501'
	max	177m	581'	66m	100m	119m	179m	143m	166'	389'	437'	617'
ILD 1000G MLD9 - per output	min	52m	171'	15m	29m	44m	73m	116m	34'	78'	199'	501'
	max	230m	755'	87m	131m	155m	179m	186m	216'	389'	570'	617'
D7	min	21m	69'	6m	12m	17m	29m	46m	14'	31'	79'	200'
	max	124m	407'	34m	69m	103m	172m	261m	80'	184'	470'	865'
D10	min	21m	69'	6m	12m	17m	29m	46m	14'	31'	79'	200'
	max	122m	401'	34m	68m	102m	170m	182m	79'	181'	465'	606'
D14	min	21m	69'	6m	12m	17m	29m	46m	14'	31'	79'	200'
	max	128m	420'	36m	71m	107m	125m	130m	83'	190'	400'	433'

Note: Maximum lengths are at FULL CURRENT – if reduced current is used, longer cable length may be used contact Ampetronic for assistance. Lengths assume a maximum power bandwidth of 1.6kHz suitable for good quality normal use. Values must be calculated if other corner frequencies are required.