

How To...

G00016_Issue 2

Choose the Correct Cable for your TDSi System

The following tables show the recommended cable types that should be used when making connections to our **microgarde** access control systems.

microgarde				
	Part No	Cable Type	Cores	Maximum Distance
Magnetic Stripe Reader	5002-0360	Belden 9730	6	60m
		Belden 9503	6	25m
		OS6C24/Alpha 5096/BICC H8124	6	20m
		Screened Alarm Cable	8	Up to 30m
EXprox / EXprox2	5002-0354 5002-0355	Belden 9730	6	150m
		Belden 9503	6	150m
		OS6C24/Alpha 5096/BICC H8124	6	150m
		Screened Alarm Cable	8	150m
Optica	5002-0390 5002-0391	Belden 9730	6	150m
		Belden 9503	6	150m
		OS6C24/Alpha 5096/BICC H8124	6	150m
		Screened Alarm Cable	8	150m
Digital IR	5002-1781 5002-1791	Belden 9730	6	150m
		Belden 9503	6	150m
		OS6C24/Alpha 5096/BICC H8124	6	150m
		Screened Alarm Cable	8	150m
MIFARE / EXsmart2	5002-0433 5002-0434 5002-0435 5002-0436 5002-0440 5002-0441 5002-0442	Belden 9730	6	150m
		Belden 9503	6	150m
		OS6C24/Alpha 5096/BICC H8124	6	150m
		Screened Alarm Cable	8	150m
DIGIgarde / DIGIgarde Smart / PALMgarde	5002-0450 5002-0451 5002-0460	Belden 9730	6	150m
		Belden 9503	6	150m
		OS6C24/Alpha 5096/BICC H8124	6	150m
		Screened Alarm Cable	8	150m

	Part №	Cable Type	Cores	Maximum Distance
Indala Proximity Reader	5002-0133	Belden 9730	6	150 m
	5002-0137	Belden 9503	6	60 m
	5002-0217	OS6C24/Alpha 5096/BICC H8124	6	60 m
	5002-0218	Screened Alarm Cable	8	Up to 30m
Dataline Keypad	5002-0286	Belden 9729	4	140m
	5002-0315	FBOS2P24	4	100m
	5002-0316	OS2P22/Alpha 5902/Belden 9502	4	60m
		OS4C24/Alpha 5094/BICC H8123	4	40m
RS-232 Communications		7/0.2 mm 3- core screened cable	3	15m
RS-485 ¹ Communications		Belden 9729	4	1200m
		FBOS2P24	4	900m
		OS2P22/Alpha 5902/Belden 9502	4	530m
		OS4C24/Alpha 5094/BICC H8123	4	400m
		Screened Alarm Cable	8	300m
Inputs		7/0.2mm (screened)	2	300m
Relays		7/0.2mm or 16/0.2mm (screened)	2	Dependant on load and cable choice

¹ Up to 32 MICROgarde access control units can be connected to a single port.