M12 5Pin Connector Cables DiGi

Our cables are purpose-built to seamlessly connect and power every lighting product in our portfolio. Whether you're installing linear fixtures, pixel-controlled modules, or dynamic façade luminaires, these cables ensure robust electrical continuity and consistent signal transmission across your entire system.

Designed with matching connectors, lengths, and specifications per product type, they simplify installation and reduce on-site wiring complexity. From plug-and-play leader cables for quick connections to durable jumper cables bridging longer distances, every cable is tested for reliability and performance in demanding environments.

↘ System-Matched Design – Fully compatible with each fixture type for plug-and-play integration.

↘ Robust & Scalable – Built to support flexible layouts, long runs, and outdoor-grade durability.

CE   RoHS   IP67   IK08

Operating

Environment	Outdoor	
Storage Temperature (°C)	–40 to +85	
Working Temperature (°C)	–25 to +65	
Oil Resistant	Yes	
UV Resistant	Yes	
Flame Retardant	Yes	
IK Rating	IK08	
IP Rating	M12	IP67
	RJ45	IP20
Certification	CE, RoHS	
Limited Warranty	5 Years	

Physical

Cable Material		
Connector Material	M12	Nylon (PA66)
	M12data	Nylon (PA66) + SS316
	RJ45	Nylon (PA66) + PC
Cable Color	Black	
Connector Type	M12, M12data, RJ45	

Options

☐ Short Range
☐ Long Range

44.8   15

Male Connector

50.7   15   M12

Female Connector

1 5 2 4 3

5 1 4 2 3
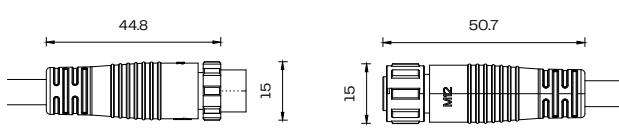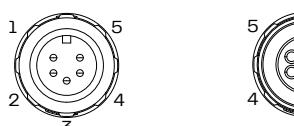
Pin Out

Pin 1	Red	V+
Pin 2	Green	Data +
Pin 3	White	Program
Pin 4	Yellow	Data –
Pin 5	Black	GND

Optional Systems

Single Feed System Short Range

Position D
M12 5Pin
Terminator End Cap

Position C
Optional Jumper Cables

Position B
M12 5Pin Power Cable Short Range

Position A
M12 5Pin Leader Cable

Single Feed System Long Range

Position D
M12 5Pin
Terminator End Cap

Position C
Optional Jumper Cables

Position B
M12 5Pin Power Cable Long Range
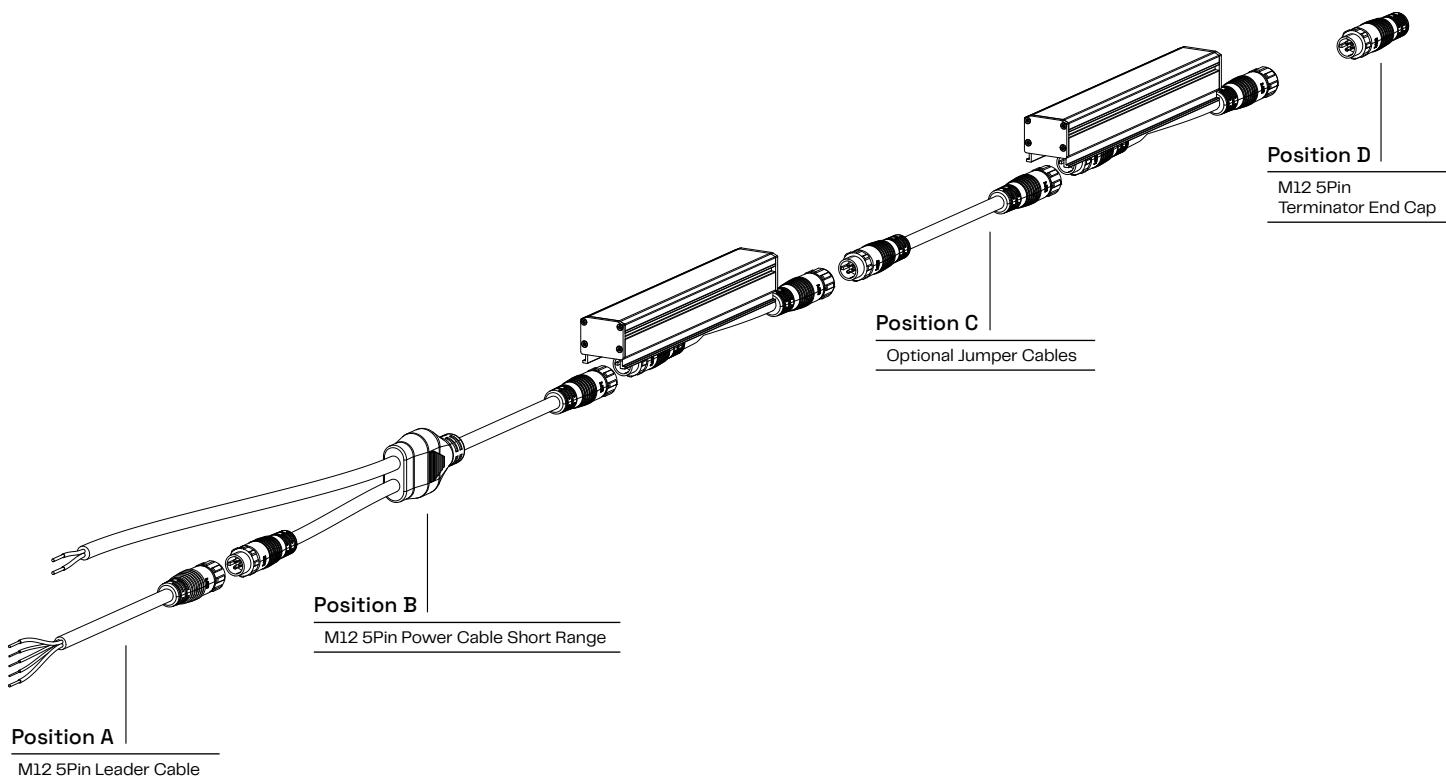
Position A
Data Leader Cable
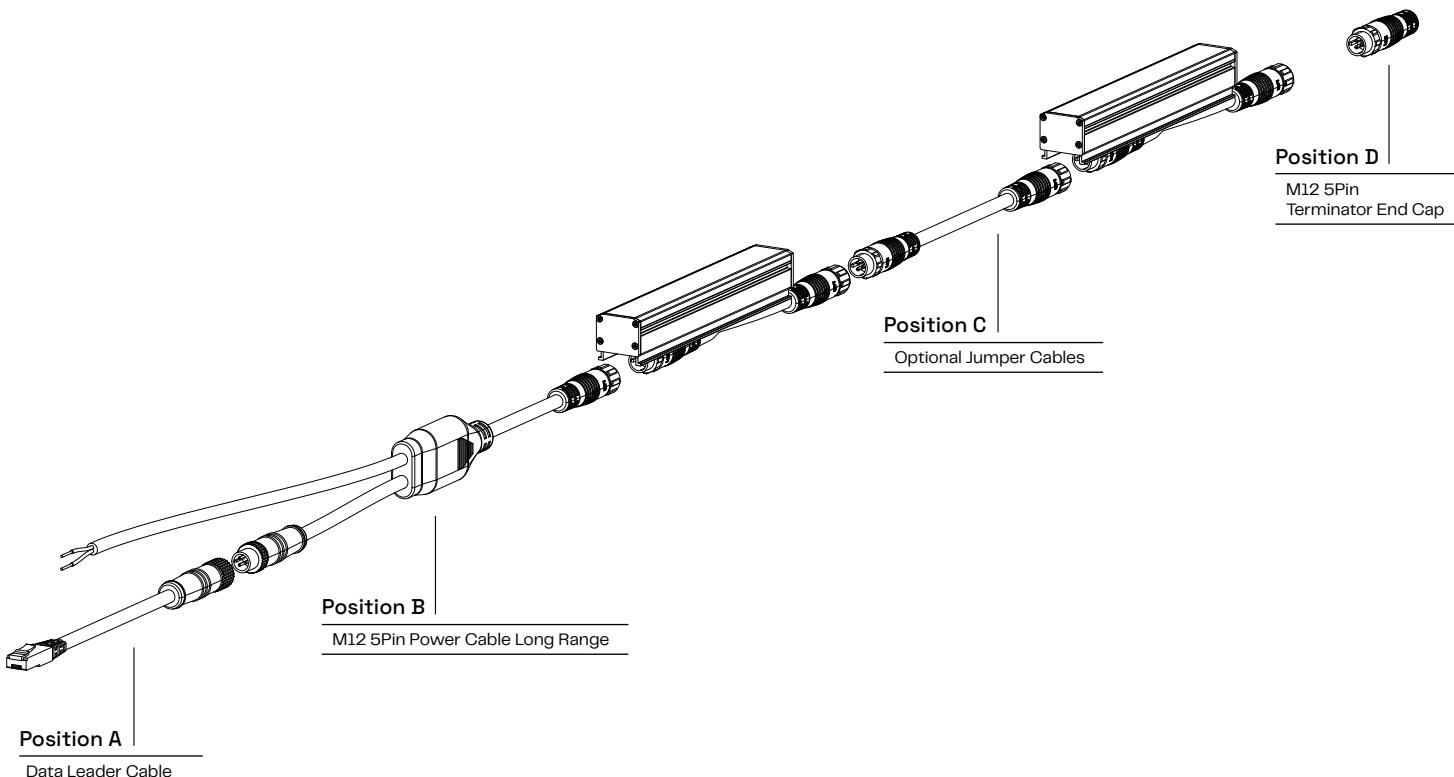
For additional advanced system options, please contact our sales department.

Product Configurations

Universal

M12 5Pin Jumper Cable

Product Code	Cable Length (m)	Weight (kg)
7900171	1	0,15
7900172	2	0,3
7900173	3	0,45
7900174	5	0,75
7900175	10	1,5
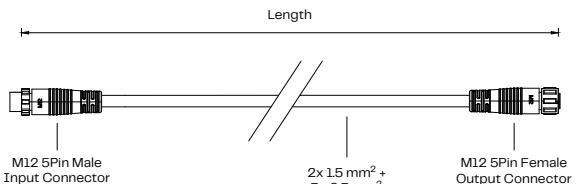
M12 End Cap

Product Code	Variation
7900161	M12 Universal End Cap
7900162	M12 Terminator End Cap

Length

M12 5Pin Male
Input Connector

2x 1.5 mm² +
3x 0.3 mm²

M12 5Pin Female
Output Connector

15
7.5

44.8
15

Universal End Cap
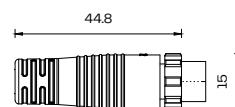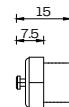
Terminator End Cap
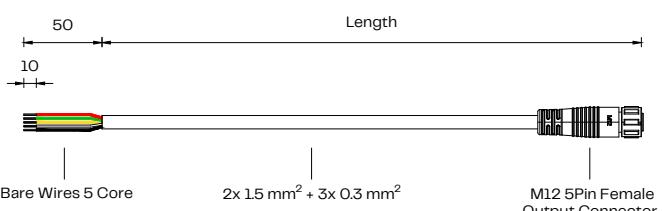
Single Feed System Short Range

M12 5Pin Leader Cable

Product Code	Cable Length (m)	Weight (kg)
7900151	1	0,15
7900152	2	0,3
7900153	3	0,45
7900154	5	0,75
7900155	10	1,5

M12 5Pin Power Cable

Product Codev	Cable Length (m)	Weight (kg)
7900122	1.8	0,6

50
Length
10

Bare Wires 5 Core

2x 1.5 mm² + 3x 0.3 mm²

M12 5Pin Female
Output Connector

50
1500
57
250
10
2x 1.5 mm²
33

Power Input Cable
2 Core Bare Wires

M12 5Pin Male
Input Connector

300

1.5 mm² + 3x 0.3 mm²

2x 1.5 mm² +
3x 0.3 mm²

M12 5Pin Female
Output Connector
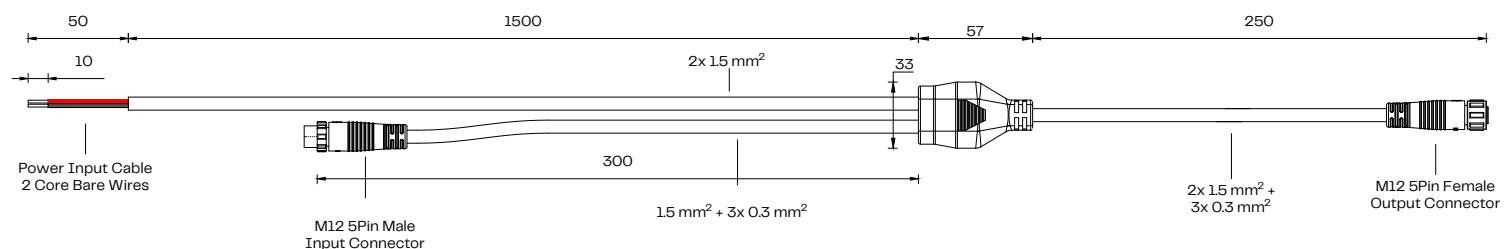
Single Feed System Long Range

Data Leader Cable

Product Code	Cable Length (m)	Weight(kg)
7900101	15	0,9
7900102	30	1,8
7900103	50	3
7900104	75	4,5
7900105	100	6
7900106	150	9
7900107	250	15

M12 5Pin Power Cable

Product Code	Cable Length (m)	Weight (kg)
7900121	1.8	0,6

Length

RJ45 Connector

3x 0.5 mm²
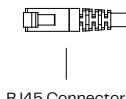
M12 3Pin Female Data
Output Connector

50
1500
250
10
2x 1.5 mm²

Power Input Cable
2 Core Bare Wires

M12 3Pin Male
Data Connector

300

3x 0.5 mm²

2x 1.5 mm² +
2x 0.3 mm²

M12 5Pin Female
Output Connector