

COMPACT

INDUSTRIAL ETHERNET FOR THE CABINET

INDUSTRIAL ETHERNET

THE WIDEST PRODUCT RANGE

No matter if they're used in IP20 cabinet wiring or in a harsh industrial IP67 environment, Murrelektronik offers Ethernet connectors for the complete installation solution. The wide Ethernet product range comprises field-wireable and pre-wired models, molded versions as well as suitable interface modules.



THE HIGHLIGHTS

- Optimized for industrial requirements
- Cables in each length and version
- Specification acc. to Cat. 5, Cat. 5e, Cat. 6 or Cat. 6A
- From IP20 to IP67 or from the office into harsh industrial environments

DID YOU KNOW?

Every Murrelektronik connector is factory tested.

- Electrical test
- High voltage test
- Function check
- Pin assignment test
- Short circuit test
- Visual control



- 360° Shielding
- Extremely compact housing that saves space
- Improved clip



EtherNet/IP



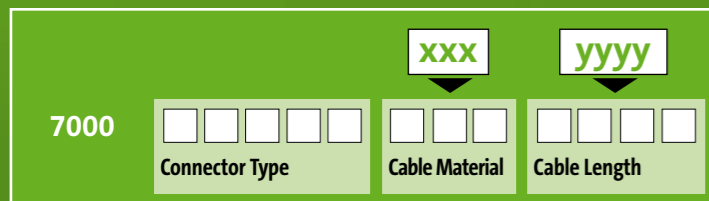
EtherCAT

ETHERNET POWERLINK



Article Number System

Replace xxx by the part no. of the requested cable material and yyyy by the cable length



Cable Type	Art. No.	suitable for
PUR, C-track suitable, yellow	675	all
PUR, C-track suitable, blue	677	all
PUR, flexible inst., green	794	all
PUR, Torsion, green	793	all
PUR, C-track suitable, green	796	all
PUR, C-track suitable, violet	798	all
PVC, C-track suitable, green	800	all
PUR, C-track suitable, black	851	all
PUR, C-track suitable, green	791	EC
PUR, C-track suitable, red	792	Sercos

Abbreviations	
E	Ethernet
Eip	EthernetIP
PN	Profinet
PL	Powerlink
V	Varan
S	Sercos
EC	Ethercat

EXAMPLE

Block 1: Form 7 4 3 2 1 For RJ45 Professional with RJ45 0° to RJ45 45° up
Block 2: Cable Material 8 0 0 PVC, C-track suitable, green
Block 3: Cable Length 0 3 0 0 for 3 m cable length

The article number for this example will be:

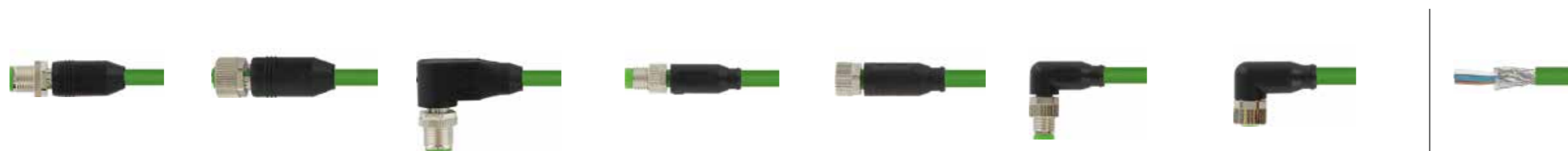
7000 - 7 4 3 2 1 - 8 0 0 0 3 0 0

RJ45 Professional

4-pole molded/ Performance according CAT5 ISO/IEC 11801 Class D

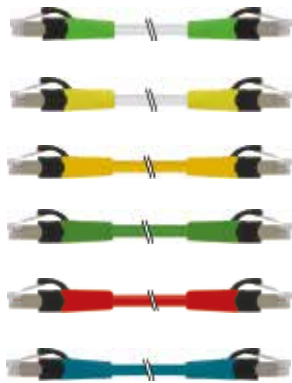


	RJ45 male 0°	RJ45 male 45° up	RJ45 male 45° down	RJ45 male 45° left	RJ45 male 45° right	RJ45 male 90° up	RJ45 male 90° down	RJ45 male 90° left	RJ45 male 90° right
RJ45 male 0°	7000-74301-xxxxxxx	7000-74321-xxxxxxx	7000-74341-xxxxxxx	7000-74361-xxxxxxx	7000-74381-xxxxxxx	7000-74327-xxxxxxx	7000-74347-xxxxxxx	7000-74367-xxxxxxx	7000-74387-xxxxxxx
RJ45 male 45° up	7000-74321-xxxxxxx	7000-74401-xxxxxxx	7000-74421-xxxxxxx	7000-74441-xxxxxxx	7000-74461-xxxxxxx	7000-74407-xxxxxxx	7000-74427-xxxxxxx	7000-74447-xxxxxxx	7000-74467-xxxxxxx
RJ45 male 45° down	7000-74341-xxxxxxx	7000-74421-xxxxxxx	7000-74481-xxxxxxx	7000-74501-xxxxxxx	7000-74521-xxxxxxx	–	7000-74487-xxxxxxx	7000-74507-xxxxxxx	7000-74527-xxxxxxx
RJ45 male 45° left	7000-74361-xxxxxxx	7000-74441-xxxxxxx	7000-74501-xxxxxxx	7000-74541-xxxxxxx	7000-74561-xxxxxxx	–	–	7000-74547-xxxxxxx	7000-74567-xxxxxxx
RJ45 male 45° right	7000-74381-xxxxxxx	7000-74461-xxxxxxx	7000-74521-xxxxxxx	7000-74561-xxxxxxx	7000-74581-xxxxxxx	–	–	–	7000-74587-xxxxxxx
RJ45 male 90° up	7000-74327-xxxxxxx	7000-74407-xxxxxxx	–	–	–	7000-74409-xxxxxxx	7000-74429-xxxxxxx	7000-74449-xxxxxxx	7000-74469-xxxxxxx
RJ45 male 90° down	7000-74347-xxxxxxx	7000-74427-xxxxxxx	7000-74487-xxxxxxx	–	–	7000-74429-xxxxxxx	7000-74489-xxxxxxx	7000-74509-xxxxxxx	7000-74529-xxxxxxx
RJ45 male 90° left	7000-74367-xxxxxxx	7000-74447-xxxxxxx	7000-74507-xxxxxxx	7000-74547-xxxxxxx	–	7000-74449-xxxxxxx	7000-74509-xxxxxxx	7000-74549-xxxxxxx	7000-74569-xxxxxxx
RJ45 male 90° right	7000-74387-xxxxxxx	7000-74467-xxxxxxx	7000-74527-xxxxxxx	7000-74567-xxxxxxx	7000-74587-xxxxxxx	7000-74469-xxxxxxx	7000-74529-xxxxxxx	7000-74569-xxxxxxx	7000-74589-xxxxxxx



	M12 male 0°	M12 female 0°	M12 male 90°	M8 male 0°	M8 female 0°	M8 male 90°	M8 female 90°	With open ended wires
RJ45 male 0°	7000-44711-xxxxxxx	7000-44621-xxxxxxx	7000-44761-xxxxxxx	7000-89721-xxxxxxx	7000-89901-xxxxxxx	7000-89781-xxxxxxx	7000-89951-xxxxxxx	7000-74101-xxxxxxx
RJ45 male 45° up	7000-44721-xxxxxxx	7000-44631-xxxxxxx	7000-44771-xxxxxxx	7000-89731-xxxxxxx	7000-89911-xxxxxxx	7000-89791-xxxxxxx	7000-89961-xxxxxxx	7000-74121-xxxxxxx
RJ45 male 45° down	7000-44731-xxxxxxx	7000-44641-xxxxxxx	7000-44781-xxxxxxx	7000-89741-xxxxxxx	7000-89921-xxxxxxx	7000-89801-xxxxxxx	7000-89971-xxxxxxx	7000-74141-xxxxxxx
RJ45 male 45° left	7000-44741-xxxxxxx	7000-44651-xxxxxxx	7000-44791-xxxxxxx	7000-89751-xxxxxxx	7000-89931-xxxxxxx	7000-89811-xxxxxxx	7000-89981-xxxxxxx	7000-74161-xxxxxxx
RJ45 male 45° right	7000-44751-xxxxxxx	7000-44661-xxxxxxx	7000-44801-xxxxxxx	7000-89761-xxxxxxx	7000-89941-xxxxxxx	7000-89821-xxxxxxx	7000-89991-xxxxxxx	7000-74181-xxxxxxx
RJ45 male 90° up	7000-44727-xxxxxxx	7000-44637-xxxxxxx	7000-44777-xxxxxxx	7000-89737-xxxxxxx	7000-89917-xxxxxxx	7000-89797-xxxxxxx	7000-89967-xxxxxxx	7000-74221-xxxxxxx
RJ45 male 90° down	7000-44737-xxxxxxx	7000-44647-xxxxxxx	7000-44787-xxxxxxx	7000-89747-xxxxxxx	7000-89927-xxxxxxx	7000-89807-xxxxxxx	7000-89977-xxxxxxx	7000-74241-xxxxxxx
RJ45 male 90° left	7000-44747-xxxxxxx	7000-44657-xxxxxxx	7000-44797-xxxxxxx	7000-89757-xxxxxxx	7000-89937-xxxxxxx	7000-89817-xxxxxxx	7000-89987-xxxxxxx	7000-74261-xxxxxxx
RJ45 male 90° right	7000-44757-xxxxxxx	7000-44667-xxxxxxx	7000-44807-xxxxxxx	7000-89767-xxxxxxx	7000-89947-xxxxxxx	7000-89827-xxxxxxx	7000-89997-xxxxxxx	7000-74281-xxxxxxx

| RJ45 Cabinet Line (fixed installation)



Description	Art. No.	suitable for
Cabinet Line RJ45 male 0°/ RJ45 male 0°, gray, Ethernet 4-pole	7000-74701-777yyyy	E, Eip, PN, PL, V, S, EC
Cabinet Line RJ45 male 0°/ RJ45 male 0° Gigabit, gray, 8-pole	7000-74711-778yyyy	E, Eip, PN, PL, V, S, EC
Cabinet Line RJ45 male 0°/ RJ45 male 0° Gigabit, yellow, 8-pole	7000-74711-378yyyy	E, Eip, PN, PL, V, S, EC
Cabinet Line RJ45 male 0°/ RJ45 male 0° Gigabit, green, 8-pole	7000-74711-478yyyy	E, Eip, PN, PL, V, S, EC
Cabinet Line RJ45 male 0°/ RJ45 male 0° Gigabit, red, 8-pole	7000-74711-578yyyy	E, Eip, PN, PL, V, S, EC
Cabinet Line RJ45 male 0°/ RJ45 male 0° Gigabit, blue, 8-pole	7000-74711-878yyyy	E, Eip, PN, PL, V, S, EC

| Unmanaged Switches



Description	Art. No.	suitable for
Tree 4TX Metal	58151	E, Eip, PN
Tree 6TX Eco	58170	E, Eip, PN
Tree 6TX Metal	58172	E, Eip, PN
Tree 8TX Metal	58171	E, Eip, PN

| RJ45 (field-wireable)



Description	Art. No.	IDC
RJ45 male shielded 0° BASIC, 4-pole	7000-99051-0000000	IDC
RJ45 male shielded 0° Ethernet, 4-pole	7000-74001-0000000	IDC
RJ45 male shielded 0° GIGABIT, 8-pole	7000-74011-0000000	IDC
RJ45 male shielded angled Ethernet, 4-pole	7000-74021-0000000	IDC
RJ45 male shielded angled GIGABIT, 8-pole	7000-74031-0000000	IDC

| Control Cabinet Entry System



Description	Art. No.	Cable outlet direction
Adapter M12/RJ45 (female/female), D-coded, 4-pole, shielded	7000-44681-0000000	angled
Adapter M12/RJ45 (female/female), D-coded, 4-pole, shielded	7000-44671-0000000	straight