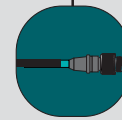


## Double-Ended Cordsets

- Ultra-Lock™ Micro-Change® (M12) Cordsets

All the same benefits of our threaded Ethernet cordsets, but with the patented Ultra-Lock™ feature. Ultra-Lock connectors provide a unique radial seal and mechanical locking design that deliver superior performance, higher reliability and reduced installation time. With the Ultra-Lock connection system, you simply push-to-lock them into place...and they stay locked. No twisting, no turning. That's a big advantage when working in tight spaces. To unlock, simply pull up on the coupling nut...it's that simple. The locking mechanism eliminates the problem of over-or-under tightening threaded connectors...providing a consistent, operator-independent seal every time.



- Category 5e compliant
- Plug-and-play solution for quick field installation
- IP67 rated, perfect for harsh industrial environments
- D-Coded to ensure proper alignment/mating



### Double-Ended Ultra-Lock™ Cordsets

FACE VIEWS (STRAIGHT-WIRED)	<p>FEMALE</p>	<p>MALE</p>	<p>STRAIGHT-WIRED</p> <p>CROSSOVER-WIRED</p>
	PINOUT/ COLOR CODE (STRAIGHT-WIRED)		CABLE CODE 03 & 15: 1- ORANGE (TD+) 2- BLUE (RD+) 3- ORANGE/WHITE (TD-) 4- BLUE/WHITE (RD-)

	FIG	CORDSETS WITH UNSHIELDED PVC CABLE	DESCRIPTION
MALE STRAIGHT/MALE STRAIGHT	1/1	EWWA06003Mxxx	STRAIGHT-WIRED
MALE STRAIGHT/MALE 90°	1/2	EWWA06203Mxxx	STRAIGHT-WIRED
MALE 90°/MALE 90°	2/2	EWWA06303Mxxx	STRAIGHT-WIRED
MALE STRAIGHT/FEMALE STRAIGHT	1/3	E1WB03003M002	CROSSOVER-WIRED
	FIG	CORDSETS WITH SHIELDED PVC CABLE	DESCRIPTION
MALE STRAIGHT/MALE STRAIGHT	1/1	EWWA06015Mxxx	STRAIGHT-WIRED
MALE STRAIGHT/MALE 90°	1/2	EWWA06215Mxxx	STRAIGHT-WIRED
MALE 90°/MALE 90°	2/2	EWWA06315Mxxx	STRAIGHT-WIRED
MALE STRAIGHT/FEMALE STRAIGHT	1/3	E1WB03015M002	CROSSOVER-WIRED
	FIG	CORDSETS WITH SHIELDED PUR CABLE*	DESCRIPTION
MALE STRAIGHT/MALE STRAIGHT	1/1	EWWA06010Mxxx	STRAIGHT-WIRED
MALE STRAIGHT/MALE 90°	1/2	EWWA06210Mxxx	STRAIGHT-WIRED
MALE 90°/MALE 90°	2/2	EWWA06310Mxxx	STRAIGHT-WIRED
MALE STRAIGHT/FEMALE STRAIGHT	1/3	E1WB03010M002	CROSSOVER-WIRED

\*PROFINET compliant

Use the following chart to modify your part's specifications.

# EWWAxxx10Mxxx

### ORIENTATION

MALE STRAIGHT/MALE STRAIGHT	=	060
MALE STRAIGHT/MALE 90°	=	062
MALE 90°/MALE 90°	=	063

### CABLE OPTIONS

UNSHIELDED STRANDED PVC	..	03
SHIELDED STRANDED PVC	..	15
SHIELDED STRANDED PUR	..	10

### STANDARD LENGTH\*

0.6 METER	.....	006
1 METER	.....	010
2 METER	.....	020
3 METER	.....	030
4 METER	.....	040
5 METER	.....	050
10 METER	.....	100

\* Please call for availability of non-standard lengths

	UNSHIELDED PVC	SHIELDED PVC	SHIELDED PUR
<b>MECHANICAL</b>			
CONNECTOR FACE:		PUR	
MOLDED BODY:		PUR (BLACK)	
COUPLING NUT:		NICKEL-PLATED BRASS	
<b>CABLE</b>			
CONDUCTORS:	4 / 24AWG STRANDED TINNED WIRE	4 / 24AWG STRANDED TINNED WIRE	4 / 22AWG STRANDED TINNED WIRE
OUTSIDE DIAMETER (NOM):	5.6mm	6.1mm	6.5mm
JACKET MATERIAL:	PVC (TEAL)	PVC (TEAL)	PUR (GREEN)
INNER MATERIAL INSULATION:	HDPE	FOAMED POLYPROPYLENE	FRNC
SHIELD TYPE:	N/A	FOIL SHIELD, 100% COVERAGE, 25% MIN OVERLAP	FOIL SHIELD: 100% COVERAGE BRAID SHIELD: 85% COVERAGE
CERTIFICATION:	UL CMR (PENDING)	UL CMR (PENDING)	UL LISTED CMX
<b>ELECTRICAL</b>			
TIA/EIA RATING:		CAT5E	
UL:		CL2	
<b>ENVIRONMENTAL</b>			
PROTECTION:	IP67. SUN/OIL RESISTANT (PENDING)	IP67. SUN/OIL RESISTANT (PENDING)	IP67. SUN/OIL RESISTANT
OPERATING TEMPERATURE:		-20°C TO 75°C	

## CONNECTOR DIMENSIONS

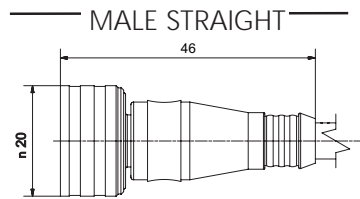


FIG 1

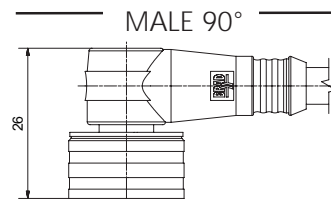


FIG 2

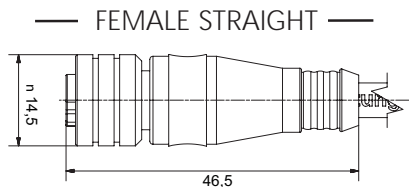


FIG 3

For product & technical information visit [www.woodhead.com/eCatalog](http://www.woodhead.com/eCatalog)