



## ETHERCAT AUTOMATION CABLE

IEC 61158

8 orderable sizes

STANDARD <b>IEC 61158</b>	CONDUCTOR <b>AWG22/7 stranded / AWG26/7 stranded</b>	INSULATION / JACKET <b>PVC jacket</b>
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### Construction

- 1 ■ Conductor (per core) – AWG22/7 stranded
- 2 ■ Pair insulation – Foam PE or PE data insulation
- 3 ■ Filler – Bedding / filler
- 4 ■ Overall screen (OS) – Al/polyester foil + drain
- 5 ■ Sheath – PVC jacket

### Size selection — all available cross-sections

Cable reference	Protocol / use	Category	Pair layout	Conductor	Bandwidth	Shielding
EtherCAT Cat5e Industrial 2 x 2 pair AWG22/7 stranded Static installation	EtherCAT	Cat5e	2 x 2 pair	AWG22/7 stranded	100 MHz	Foil and braid screen
EtherCAT Cat5e Industrial 2 x 2 pair AWG22/7 stranded Flexible installation	EtherCAT	Cat5e	2 x 2 pair	AWG22/7 stranded	100 MHz	Foil and braid screen
EtherCAT Cat5e Industrial 2 x 2 pair AWG26/7 stranded Static installation	EtherCAT	Cat5e	2 x 2 pair	AWG26/7 stranded	100 MHz	Foil and braid screen
EtherCAT Cat5e Industrial 2 x 2 pair AWG26/7 stranded Flexible installation	EtherCAT	Cat5e	2 x 2 pair	AWG26/7 stranded	100 MHz	Foil and braid screen
EtherCAT Cat5e Industrial 4 x 2 pair AWG22/7 stranded Static installation	EtherCAT	Cat5e	4 x 2 pair	AWG22/7 stranded	100 MHz	Foil and braid screen
EtherCAT Cat5e Industrial 4 x 2 pair AWG22/7 stranded Flexible installation	EtherCAT	Cat5e	4 x 2 pair	AWG22/7 stranded	100 MHz	Foil and braid screen
EtherCAT Cat5e Industrial 4 x 2 pair AWG26/7 stranded Static	EtherCAT	Cat5e	4 x 2 pair	AWG26/7 stranded	100 MHz	Foil and braid screen

Cable reference	Protocol / use	Category	Pair layout	Conductor	Bandwidth	Shielding
installation						
<b>EtherCAT Cat5e Industrial 4 x 2 pair AWG26/7 stranded Flexible installation</b>	EtherCAT	Cat5e	4 x 2 pair	AWG26/7 stranded	100 MHz	Foil and braid screen

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