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## **Superior Essex 04-001-55 Copper Cable, 4 Pair, 24 AWG BBD Category 5e, 304m Reel**

SKU  
ACC-SE-00001  
MPN  
04-001-55

## Description

EnduraGain® OSP Armored is an extremely tough category 5e Ethernet cable designed to operate in a wide range of industrial environments. The outdoor-rated cable is fully weatherproof, resistant to oils, and protected by two PE jackets separated by a corrugated Copper-Clad Steel armouring.

The cable consists of four balanced twisted pairs surrounded by Superior Essex PFM™ gel that does not drip or flow, even in cell tower applications at elevated temperatures.

The jacketed core is covered with dry block and a corrugated, copper-clad steel armour providing exceptional Alien Crosstalk (AXT) performance. The outer jacket is an OSP-grade black polyethylene for superior sunlight and abrasion resistance. This armoured design is suitable for the following deployments: duct, underground conduit, tower, lashed aerial, direct burial or open trench.

[Read More](#)

Superior's EnduraGain OSP Armoured cables are recommended by leading packet microwave radio vendors due to their extreme environmental handling and ability to be installed with direct burial in soil or concrete without the requirement for conduit, and hauled up communications towers without damage or dripping of waterproofing gel.

[Read More](#)



### Superior Essex

Superior Essex International LP manufactures a broad portfolio of wire and cable products and accessories, including premises copper and optical fiber cables, Outside Plant (OSP) copper and fiber cables, Distributed Antenna Systems (DAS) cables and accessories that service the Enterprise, Commercial, Industrial, and Utility markets. Superior Essex practices a high level of environmental ...

## Physical Specification

Subtype

[Cable Reel](#)

Weight

28 kg

Length

304 m

Ethernet Category

[Cat5e](#)

Shielding

[U/UTP](#)

Colour

Black

Environmental Suitability

Aerial Use

Chemical Resistant

Direct Burial

Indoor Use

Oil Resistant

Outdoor Use

UV-Resistant

Min. Operating Temperature

-40 °C

Max. Operating Temperature

75 °C

Weight (g/m)

89 g

Cable Layers

Layer	Diameter	Materials
Waterproofing Gel		<a href="#">Polymer Fiber Matrix (PFM)</a>
Inner Conductor	0.51 mm	<a href="#">Solid Copper</a>
Conductor Insulation		<a href="#">Polyolefin LSZH</a>
Inner Jacket		<a href="#">Polyethylene (PE)</a>
Shielding		<a href="#">Copper Clad Steel (CCS)</a>
Outer Jacket	9.10 mm	<a href="#">Polyethylene (PE)</a>

## Downloadable Resources

Document

[SuperiorEssex-Enduragain-OSP\\_04-001-55\\_datasheet.pdf](#)

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