



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

**BUREAU OF INDIAN STANDARDS**

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## DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : LITD 06 (25557)

Date : 10 December 2024

TECHNICAL COMMITTEE : Wires, Cables, Waveguides And Accessories, LITD 06

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Wires, Cables, Waveguides And Accessories Sectional Committee, LITD 06. Please [click here](#) to view the document.

**Document Number : LITD 06 (25557) WC**

**Title of the document : Multicore and Symmetrical PairQuad Cables for Digital Communications Part 1: Generic Specification Second Revision**

**Document Type : Revision of Indian Standard (IS 14493 : Part 1 : 2020)**

*This document has following salient features which may require specific attention for your valuable comments:*

- 1) This part of IEC 61156 specifies the definitions, requirements and test methods of multicore, symmetrical pair and quad cables.*
- 2) This document is applicable to communication systems such as local area networks (LANs) and data communication cables. It is also applicable to cables used for industrial applications, customer premises wiring and generic cabling comprising installation cables and cables for work area wiring which are defined in ISO/IEC 11801 (all parts).*
- 3) The cables covered by this document are intended to operate with voltages and currents normally encountered in communication systems. While these cables are not intended to be used in conjunction with low impedance sources, for example the electric power supplies of public utility mains, they are intended to be used to support the delivery of low voltage remote powering applications including but not restricted to Power over Ethernet as specified in ISO/IEC/IEEE 8802-3. More information on the capacity to support these applications according to the installation practices are given in IEC 61156-1-4, IEC TR 61156-1-6 and ISO/IEC TS 29125.*

Please examine the document and share your comments regarding further improvement in the document.

**Last date for sharing the comments is : 08 February 2025**

The comments should be shared in the prescribed template through this portal only; and the comments so received shall be taken up by the Sectional Committee for necessary action. For any other query, please write an email at [litd@bis.gov.in](mailto:litd@bis.gov.in) to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New

Delhi.

In case no comments are received, we would presume your approval of the documents. However, in case we receive any comments on the document, the same shall be put up to the Sectional Committee for necessary action.

Thanking You,

**Yours faithfully,**  
**(REENA GARG)**  
**Head (Electronics and Information Technology Department)**  
**Email: [litd@bis.gov.in](mailto:litd@bis.gov.in)**



**व्यापक परिचालन में मसौदा(दे)**

हमारा सन्दर्भ : LITD 06 (25557)

दिनांक : 10-12-2024

**तकनीकी समिति : Wires, Cables, Waveguides And Accessories Sectional Committee, LITD 06**

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : LITD 06 (25557) WC

शीर्षक :

कृपया इस/इन मानक(को)/संशोधन(नो) के मसौदे(दो) का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि यदि ये मानक(को) के संशोधन(नो) के रूप में प्रकाशित हो तो इन पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयां आ सकती हैं।

**सम्मतियाँ भेजने की अंतिम तिथि : 08 February 2025**

सम्मतियाँ, यदि कोई हों तो, कृपया यहाँ क्लिक करके ऑनलाइन पोर्टल के माध्यम से ऊपर दी गयी अंतिम तिथि तक दर्ज कराएं।

यह/ये प्रलेख भारतीय मानक ब्यूरो की वेबसाइट [www.bis.gov.in](http://www.bis.gov.in) पर भी उपलब्ध है/हैं।

धन्यवाद।

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