

INTERNATIONAL ELECTROTECHNICAL COMMISSION
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

IEC 61156-1
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**MULTICORE AND SYMMETRICAL PAIR/QUAD
CABLES FOR DIGITAL COMMUNICATIONS –**

Part 1: Generic specification

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**CABLES MULTICONDUCTEURS A PAIRES
SYMETRIQUES ET QUARTES POUR
TRANSMISSIONS NUMÉRIQUES –**

Partie 1: Spécification générique

CORRIGENDUM 1

Corrections to the French version appear after the English text.

Les corrections à la version française sont données après le texte anglais.

Replace the following subclause:

6.2.2.2 Resistance unbalance between pairs

The resistance unbalance between pairs or sides of quads is given by

$$\Delta RP_{i,k} = \frac{\left| R_{\max i} \cdot R_{\min i} \times (R_{\max k} + R_{\min k}) - R_{\max k} \cdot R_{\min k} \times (R_{\max i} + R_{\min i}) \right|}{R_{\max i} \cdot R_{\min i} \times (R_{\max k} + R_{\min k}) + R_{\max k} \cdot R_{\min k} \times (R_{\max i} + R_{\min i})} \quad (2)$$

where

ΔRP is the pair resistance unbalance (%);

$R_{\max}$ is the resistance for the pair with the higher resistance value (Ω);

$R_{\min}$ is the resistance for the pair with the lower resistance value (Ω);

i, k $i \neq k$ where $i = 1$ to n and $k = 1$ to n for $n =$ number of pairs.

as follows:

6.2.2.2 Resistance unbalance between pairs

The resistance unbalance between pairs or sides of quads is given by

$$\Delta RP_{i,k} = 100 \frac{\left| R_{\max i} \cdot R_{\min i} \times (R_{\max k} + R_{\min k}) - R_{\max k} \cdot R_{\min k} \times (R_{\max i} + R_{\min i}) \right|}{R_{\max i} \cdot R_{\min i} \times (R_{\max k} + R_{\min k}) + R_{\max k} \cdot R_{\min k} \times (R_{\max i} + R_{\min i})} \quad (2)$$