

PERMISSIBLE PULLING FORCES

Means of pulling	Type of cable	Formula	Factor
With pulling head attached to conductors	All types of cable	$P = \sigma \cdot A$	$\sigma = 50 \text{ N/mm}^2$ (Cu conductor) $\sigma = 30 \text{ N/mm}^2$ (AL conductor)
With pulling stocking	All wire armored cables	$P = K \cdot d^2$	$K = 9 \text{ N/mm}^2$

- P Pull in N;
A Total cross sectional area in mm^2 of all conductors (but not screen or concentric conductor);
d Outside diameter of cable in mm ;
 σ Permissible tensile stress of conductor in N/mm^2 .