

$\Omega_c(3050)^0$ $I(J^P) = ?(??)$ Status: *** $\Omega_c(3050)^0$ MASS

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
3050.20 ± 0.13	OUR AVERAGE			
$3050.2 \pm 0.4 \pm 0.2$	28	YELTON	18B BELLE	e^+e^- at $\Upsilon(4S)$
$3050.2 \pm 0.1 \pm 0.1$	970	AAIJ	17AH LHCB	pp at 7, 8, 13 TeV

 $\Omega_c(3050)^0$ WIDTH

VALUE (MeV)	CL%	DOCUMENT ID	TECN	COMMENT
<1.2	95	AAIJ	17AH LHCB	pp at 7, 8, 13 TeV

 $\Omega_c(3050)^0$ DECAY MODES

Mode	Fraction (Γ_i/Γ)
$\Gamma_1 \quad \Xi_c^+ K^-$	seen

 $\Omega_c(3050)^0$ BRANCHING RATIOS

$\Gamma(\Xi_c^+ K^-)/\Gamma_{\text{total}}$	Γ_1/Γ			
VALUE	EVTS	DOCUMENT ID	TECN	COMMENT
seen	28	¹ YELTON	18B BELLE	e^+e^- at $\Upsilon(4S)$
seen	970	AAIJ	17AH LHCB	pp at 7, 8, 13 TeV
¹ YELTON 18B report a significance of 4.6σ				

 $\Omega_c(3050)^0$ REFERENCES

YELTON	18B	PR D97 051102	J. Yelton <i>et al.</i>	(BELLE Collab.)
AAIJ	17AH	PRL 118 182001	R. Aaij <i>et al.</i>	(LHCb Collab.)